

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.57

NY

MUZZY BROTHERS
SEEDS
IMPLEMENTS
POULTRY SUPPLIES

ESTABLISHED 1835

1916

PATERSON, N.J.

SPECIAL NOTICE



WE make a specialty of supplying the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it we spare no expense in securing seed stock of it.

We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first-class seed can be sold for. We buy direct from the growers and from the locality best adapted for raising all of the different varieties.

TERMS OF GUARANTEE

The seeds offered in this catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first class in every respect, but we cannot guarantee the crop as too many conditions enter into it, therefore we give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once, and if the money has been paid for them it will be refunded.

MUZZY BROS.

1835 - 1916

Muzzy Brothers



N presenting this revised edition of our Illustrated General Catalogue, we wish to thank our customers for their liberal past patronage and take pleasure in soliciting their further valued orders.

This is our 81st Annual Catalogue. It contains lists of the very choice seeds, bulbs, roots and some other things that we have to offer for 1916. You can make up your order from its pages with entire confidence in the exceptional quality of the products we are offering.

Our catalogues have always received a considerable amount of study. The cultural directions and descriptions in them are concise and to the point.

A house that, during the eighty years it has been in business, has clung firmly to its original idea of supplying seeds of the highest grade only, gaining thereby the confidence and loyal friendship of a steadily increasing number of both amateur and professional gardeners.

Years of research have been devoted to seeds, and we have eliminated quite a number of once well-known varieties that have been superseded by incomparably better sorts. If you had your mind set upon buying one particular kind of corn, for instance, and fail to find it listed herein, you may rest assured that something far better has taken its place.

We would suggest that your order be made up as soon after the receipt of this catalogue as possible. It will help us to ship promptly, and it will help you by giving you your goods just when you want them. Placing orders late sometimes makes delays unavoidable. But we have the facilities for handling a vast amount of business, and your orders will receive the promptest attention regardless of when they come.

If there is any information you want that is not given in this catalogue, write us about it. We will give all inquiries our careful attention.

May we have the pleasure of filling your order?

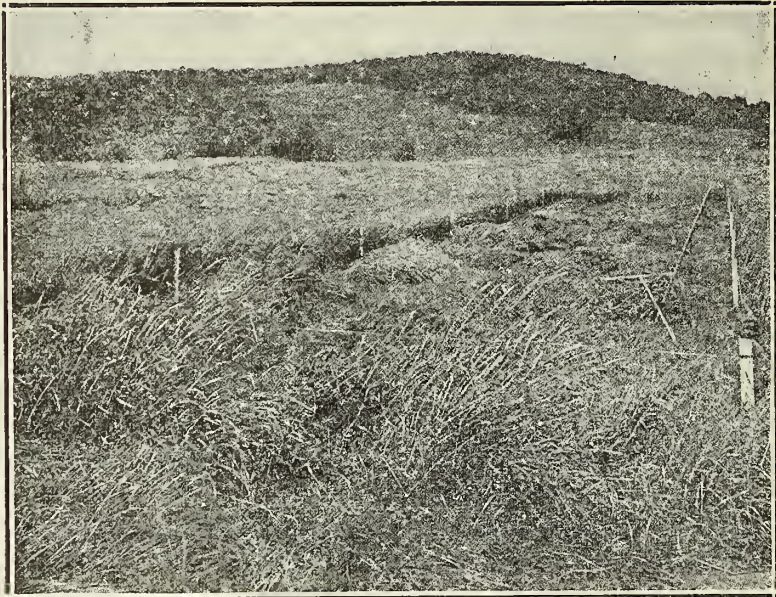
MUZZY BROS.

Novelties and Specialties

For 1916

SUDAN GRASS

One of the most valuable Introductions of
recent years



SUDAN GRASS is an annual plant with fibrous roots like the cultivated Sorghums. Like other Sorghums, it does best in warm climate. In favorable seasons, where the growing period is long, one can secure as many as four cuttings. The value of Sudan Grass in Alfalfa producing sections will depend largely on its ability to furnish a change of feed without the loss of tonnage.

It has been grown successfully on almost every class of soil, and after a thorough trial, has proven its adaptability to California soils and climate. One customer says that after producing a full seed crop the plants have grown and will make excellent forage.

The seed we are offering was produced in Monterey County, California, where, without irrigation, it yielded wonderfully, notwithstanding the planting was not made until May 29th. The first growth was 8 ft. The second cutting made $3\frac{1}{2}$ ft. growth in five weeks.

SUDAN GRASS HAY is superior to Millet Hay and is said to be equal to Timothy. On account of its upright growth, it would be excellent grown in combination with legumes.

The yield per acre is from 2 to 8 tons, depending on whether irrigation is practised or not. The seed should not be planted until the soil has become warm, which is about corn planting time, varying somewhat, of course, in the different localities. Two to four pounds of seed will be required per acre if seeded in rows 36 to 40 in. apart; 4 to 6 lbs. if seeded 18 to 20 in. apart; 16 lbs. if planted broadcast.

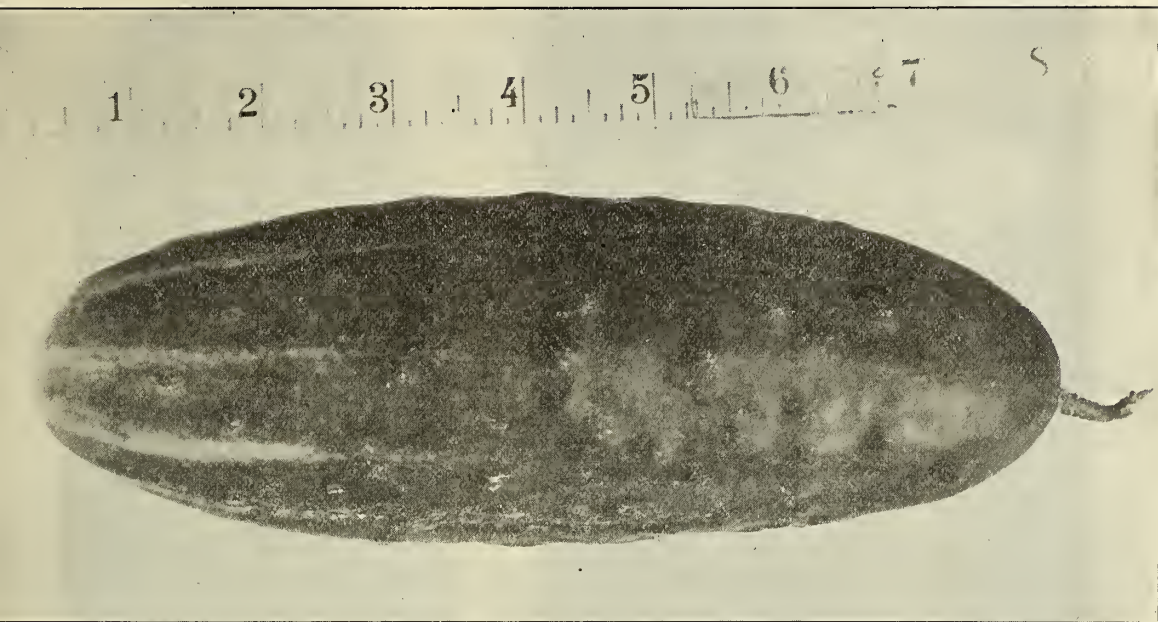
SUDAN GRASS may be cut with a mower, much the same as Millet or other Hay Grass. It grows readily and should be cut just after full bloom. From seeding to the first cutting, 75 to 80 days are necessary. The second cutting comes on about 45 days after the first cutting. The third cutting would possibly take a little longer—about 50 days.

The illustration shown herewith is an actual photograph of the field that produced our seed.

We are offering **CREAM HULLED SEED, CALIFORNIA GROWN AND SELECTED.** This is the best seed by far.

Per lb. 25c; 10 lbs. 20c; 50 lbs. 18c; 100 lbs. 15c.

RICE'S EARLY FORTUNE CUCUMBER

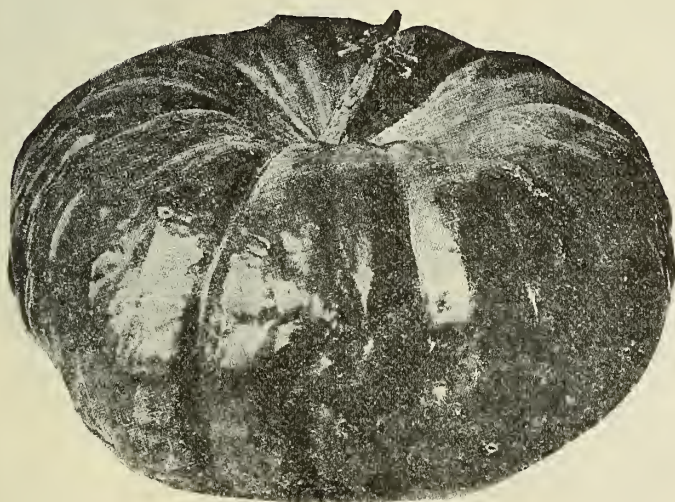


The EARLY FORTUNE is beyond question the best market and shipping Cucumber in existence today and was so proven in a thorough trial of all the American varieties on our Grass Lake, Mich., seed farms in 1914.

As a pickling variety the EARLY FORTUNE is one of the very best. It is not only most productive but the stock has been bred to such a uniformity of type that even the small pickling sizes show this uniformity.

Price, oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

NEW PUMPKIN—*Morse's Marrow*

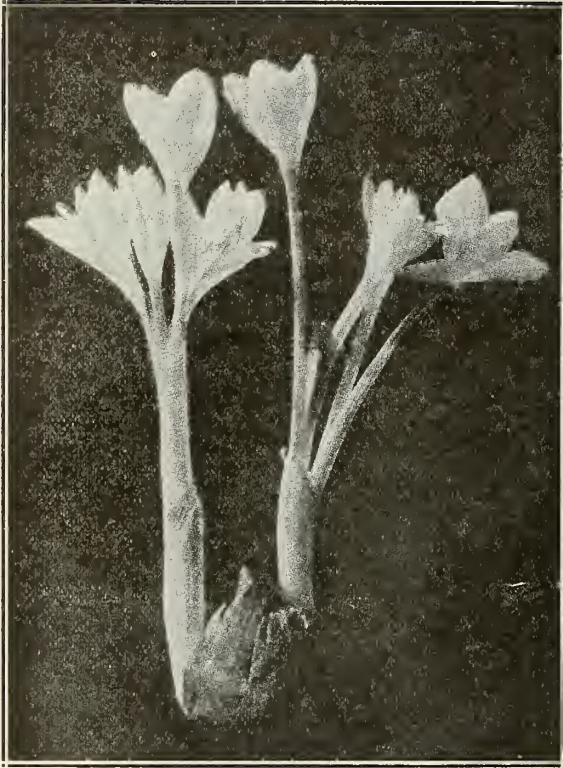


Won a GRAND PRIZE
at the P. P. I. E.

A very large round flat pumpkin, brilliant vermilion orange in color, and the handsomest pumpkin in existence. The flesh is very thick and solid and is bright orange-yellow in color. The seed cavity is amazingly small and on this account there is but little seed, which means it will never be a cheap variety.

MORSE'S MARROW originated in France and is the pumpkin one sees in the markets so often in Paris and sold in slices. One pumpkin is usually too large for a family and so it is sliced and sold like a large cheese.

Pkt. 15c; 2 pkts. 25c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.20; 1 lb. \$2.00.



COLCHICUM

(Taken from Photograph)

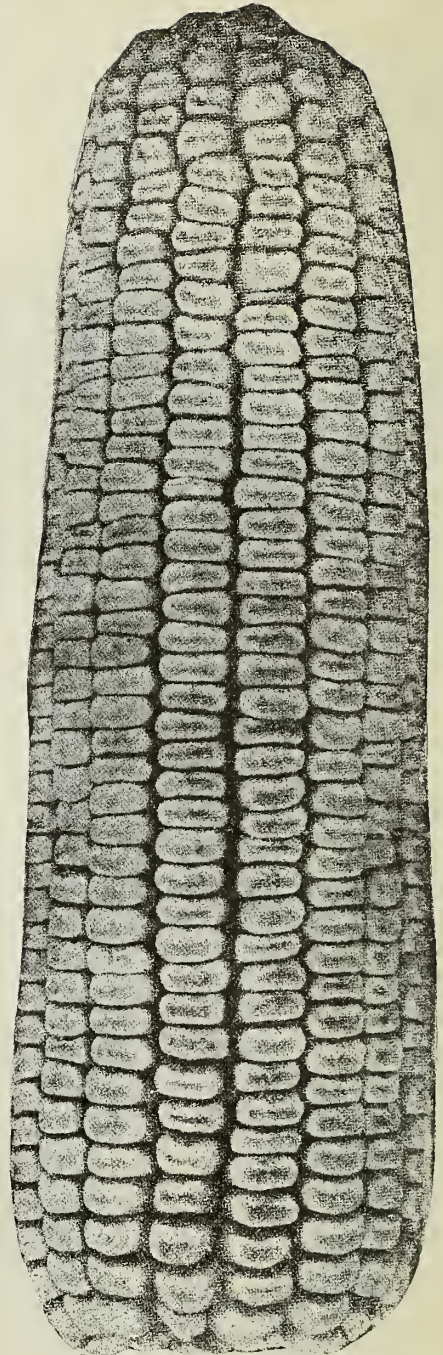
Requires a little sunlight. No water. No soil.
No care. No vase. Surprising and beautiful.

Our illustration is from a photograph of this wonder of the floral kingdom. Blooms without vase, soil, water or care. Unique for table, room or window decoration. Rosy tinted blossoms shade to a pearly white and exhale refreshing fragrance.

Simply place the bulb in a dish, bowl, saucer or on the table or window sill in a little light and watch its beauty unfold. As the blooms fade and drop, cut them off and others will follow in quick succession, each bulb producing from six to fifteen flowers.

When the blooming has ceased, the bulb may be potted or planted in the open garden or lawn, where the following spring they will develop a beautiful, broad, deep colored foliage.

Remove from bed about July first, dry the bulb in darkness for a few weeks and use for indoor decoration as at first.



EREKA-ENSILAGE CORN

EUREKA ENSILAGE CORN.

Genuine Stock. Big Yield. Produces more Ensilage than any other Corn. We have the True Stock.

Eureka Corn, is grown extensively in the East for forage, fodder and ensilage. It outyields all other varieties in height and foliage. We cannot recommend this variety too highly to people who have silos. A great many of our customers take one field of Eureka Corn and one of Leaming or Pride of the North, which matures there in excellent condition. Eureka Corn is the tallest and most leafy of all corns.

Price, \$2.20 per Bushel, Shelled.

MUZZY BROTHERS

ANNUAL

Seed Catalogue

For 1916

PRICES SUBJECT TO CHANGE.

Muzzy Brothers give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ARTICHOKE

German, Artichocke; French, Artichaut; Spanish Albachofa.

	Per oz.	¼ lb.	Per lb.
French Globe	\$0 75	\$2 25	\$4 50
The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.			
German, Spargel; French, Asperge; Spanish, Esparrago.			
Jerusalem Artichoke, Tubers		qt.	25cts.

ASPARAGUS

	Per oz.	¼ lb.	Per lb.
Columbia, producing			
pure white shoots..	\$0 10	\$0 25	\$075
Conover's Colossal ..	10	15	40
Palmetto, a light			
green variety	10	15	40
	Per	Per	Per
	50	100	1000
Roots Colossal, 2 yrs..	\$0 50	\$0 90	\$6 00
" Palmetto, 2 yrs..	50	90	6 00
" Columbia, 2 yrs..	50	90	6 00
" Argentieul, 2 yrs..	50	90	6 00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



ASPARAGUS.

BEANS

German, Gartenbohne; French, Fève de Marais; Spanish, Hava.

English or Broad.

	Per pt.	Per qt.
Broad Windsor	\$0 25	\$0 40
Sword Long Pod	25	40

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

Dwarf Green Podded Snap Beans.

Valentine Black, long round, green, solid pod, very early, per qt. 50c, $\frac{1}{2}$ pk., \$1.75.

Valentine, Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder, per qt. 55c; $\frac{1}{2}$ pk., \$2.00.

Valentine, Early. Productive, tender and of excellent flavor, per qt., 50c; $\frac{1}{2}$ pk., \$1.50.

Horticultural Dwarf Late, productive, broad flat stringless pods, per qt., 50c; $\frac{1}{2}$ pk., \$1.75.

Muzzy's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive, per qt., 55c; per $\frac{1}{2}$ pk., \$2.00; per pk., \$3.50.

Early Mohawk, very productive and of good quality, per qt., 40c; per $\frac{1}{2}$ pk., \$1.50.

Long Yellow Six-Weeks, early, excellent variety for general crop, per qt., 40c; per $\frac{1}{2}$ pk., \$1.50.

Extra Early Refugee, similar to late Refugee, pods two weeks earlier, per qt., 40c; per $\frac{1}{2}$ pk., \$1.50.

Refugee or Thousand to One, very early and prolific. The pods are round and full, stringless and of fine quality, per qt., 40c; per $\frac{1}{2}$ pk., \$1.50.

Burpee's Bush Lima, beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans, 18 to 20 inches, per qt., 45c; $\frac{1}{2}$ pk., \$1.50.

Burpee's Improved Bush Lima, an improved strain of B.B. L., much larger pods and beans, enormously productive, extra early, per qt. 50c; $\frac{1}{2}$ pk., \$1.75; per pk., \$3.00.

Fordhook Bush Lima, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75; per pk., \$3.00.

White Marrowfat grown for sale in the dry state, per qt., 45; per $\frac{1}{2}$ pk., \$1.50; per pk., \$2.50.

Long White Kidney, excellent as a shell bean, green or ripe, per qt., 45c; per $\frac{1}{2}$ pk., \$1.50; per pk., \$2.50.

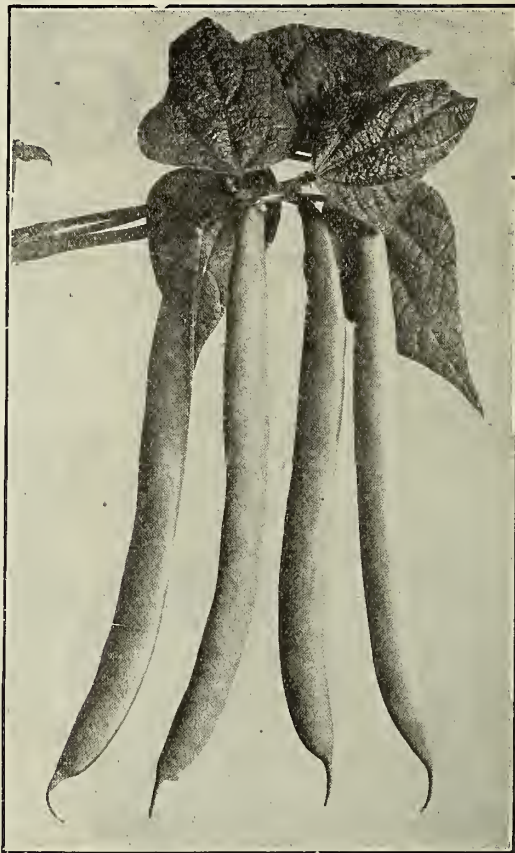
Dwarf Wax Varieties.

Refugee Wax, Stringless, good for early or late, immense yielder, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Golden Eyed Wax, very early, prolific, free from rust, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Round Pod Kidney Wax, same as Wardell's only flat pods, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Wardell's Kidney Wax, extra early, long flat pods, very productive, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.



BEANS—Dwarf Wax Varieties, Continued.

Black Wax or Butter Improved, very early and profoliate. The pods are round, full, stringless; of very fine quality, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Davis' White Wax, beans pure white pods, yellow, flat, tender, rich, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Golden Wax. This valuable variety is about ten days earlier than the Black Wax, pods large, long sced-round, brittle, stringless, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Yosemite Mammoth Wax, the largest pods of all wax varieties, per qt., 50c; per $\frac{1}{2}$ pk., \$1.75.

Hodson Wax, very large, tender, pods stringless, very productive Per qt. $\frac{1}{2}$ pk. pk.

White Wax, stringless, round pods, beans pure white, strong grower.... \$0 45 \$1 50 1 75

BEANS, Pole or Running Varieties.

Challenger Lima. Potato variety, five and six a pod 35 1 25 2 25

King of Garden Lima. Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size, Generally grown for main crop 35 1 25 2 25

New Early Jersey. Very early 35 1 25 2 25

Large White Lima. A greatly esteemed variety 35 1 25 2 25

Kentucky Wonder, or Homestead Extra Early. Pods long tender and good flavor, very productive 35 1 25 2 25

New Lazy Wife. Long green pods, good quality, white beans 35 1 25 2 25

Dutch Case Knife. A very productive variety, one of the earliest 35 1 25 2 25

Horticultural or Speckled Cranberry. A popular variety for private use, equally serviceable in the green state or when shelled 35 1 25 2 25

Scarlet Runner. Beautiful scarlet flowers; for ornamental and table use 45

Black Wax. Pods long thick and fleshy, pale yellow color, waxy appearance, very productive and tender, excellent as a snap or shell-ed green 45 1 75 3 25

Early Golden Cluster. Bright yellow pods, stringless, in clusters 45 1 50 3 25

Yard Long, French. Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea bush. Crop Failed.

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

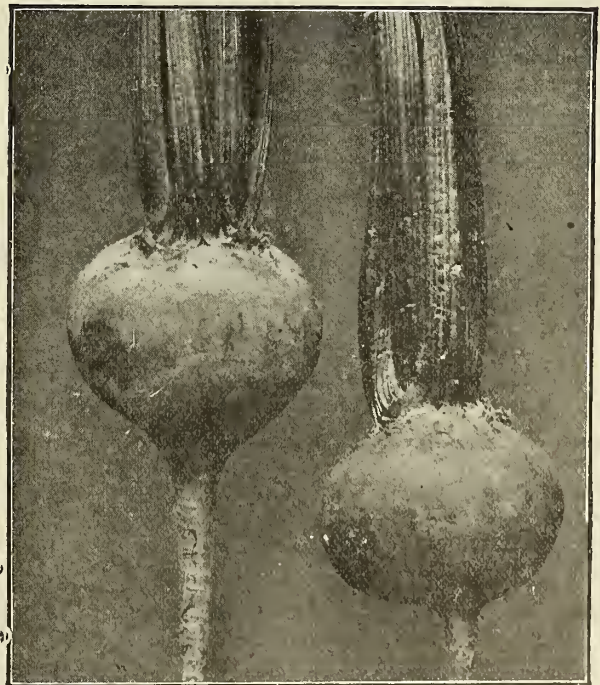
A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 long.

BEETS

German, Runkelrub; French, Bour-rache; Spanish, Remolacha.

Detroit Dark Red. A splendid beet for market or home use, of a deep color, tender and of delicate flavor. Per oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Dark Red Egyptian Crosby's. The earliest beet in cultivation, color deep crimson; of excellent quality. Per oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



DETROIT DARK RED BEET.

BEETS—Continued.

	Per oz.	¼ lb.	Per lb.
Extra Early Eclipse. Very early good size.	10	30	1 00
Early Flat Bassano. Chiefly valuable for its earliness	10	30	1 00
Early Blood Turnip. Standard early sort, an excellent	10	30	1 00
Edmands. Market garden variety, uniform shape, dark	10	30	1 00
Dewing's Blood Turnip. Of fine form and flavor.....	10	30	1 00
Long Smooth Blood Red. An excellent late variety	10	30	1 00
Swiss Chard. Used for its leaves, which are cooked as spinach (see p. 28)	10	30	1 00
Swiss Chard Lucullus (See page 28).....	15	50	1 50

MANGEL-WURZEL AND SUGAR.

Varieties used for feeding stock. Sow 6 lbs. per acre.

	Per oz.	¼ lb.	lb
Mammoth Red Mangel-Wurzel. Producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over 25c lb	\$0 10	\$ 20	\$0 50
Yellow Globe Mangel-Wurzel. Roots very large and globular. 10 lbs. 25c lb.	10	25	60
Long Yellow Mangel-Wurzel. Good for general crop. 10 lbs. 25c lb.	10	25	60
Golden Tankard Mangel-Wurzel. A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. 30c lb.	10	20	50
White Silesian Sugar Beet. Extensively grown for feeding stock and manufacture of sugar	10	15	40
Wilmorin's Improved Sugar Beet. An improved variety	10	20	50
Lane's Improved Sugar Beet. Improved variety of the French Sugar Beet, obtained by careful selection in this country. 10 lb. 25c lb.	10	15	40

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

BORAGE

German, Borritsch; French, Bourrache; Spanish, Berraja.

	Per oz.	¼ lb.	lb.
Borage, used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower	\$0 10	\$0 30	\$1 00

BROCCOLI

German, Spragel Kohl; French, Chou Brocoli, Spanish Brocoli.

	Per oz.	¼ lb.	lb.
Early White, heads medium size, compact, creamy white color, most certain to head	\$0 35	\$1 00	\$3 50
Purple Cape, differing from the preceding color, greenish purple	35	1 00	3 50
White Cape	35	1 00	3 50
Mammoth White	35	1 00	3 50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

BRUSSELS SPROUTS

German, Sprossen-Kohl; French, Chou de Bruxells; Spanish, Breza de Brussels.



Improved Seed, (French) half dwarf, oz.
40c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.00.

Dalkeith Dwarf Improved, a variety producing compact sprouts of excellent quality, oz 40c, $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

A tender, delicious vegetable. The plant grows two or three feet high, and produced from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

CABBAGE

German, Kopfkohl; French, Chou; Spanish, Berza de pepollo



	Per oz.	$\frac{1}{4}$ lb.	lb.
Enkhuizen Glory. Large, Early, White, Solid, Ball Shaped Heads. See Novelties	\$0 20	\$0 60	\$2 00
All Seasons , fine variety, for second early or late growing good size	\$0 20	\$0 60	\$2 00
Early Jersey Wakefield. The leading variety for market, very early of medium size, good quality, sure to head	25	75	2 50
Early Flat Dutch. This is one of the best early cabbages in cultivation	25	75	2 50
Early Summer. A valuable early sort resembling the Early Flat Dutch	20	60	2 00
Early Winnigstadt. Heads large, one of the best for general use	20	60	2 00
Fottler's Improved Brunswick. This is a very fine second early variety	25	75	2 50
Henderson's Succession. A second early or late variety, a sure header; seeds sown in March produce large heads in June	25	75	2 50
Muzzy Extra Amagar Danish Ball-Head. Large, round, solid sweet and crisp, sure header	20	60	2 00
Large Late Drumhead. An excellent fall and winter variety, grows to a large size	20	60	2 00
Large Late Flat Dutch. The most popular variety for late cultivation	20	60	2 00
Red Stone Head. Used almost exclusively for picking	25	75	2 50
Drumhead Savoy (American.) The largest heading sort, of excellent flavor	20	60	2 00
Muzzy Improved Amagar Danish Round Head. Short stemmed, two weeks earlier than Ball Head	20	60	2 00

For very early use plant in the autumn from 10th to 25th, September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

CARROT

German, Moehren; French, Caro'tee; Spanish.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

Early French Forcing. The earliest variety, valuable for forcing; root small and of fine flavor, oz. 20c, $\frac{1}{4}$ lb., 50c, lb. \$1.75.

Early Round Parisian. Small for frames or open ground, oz. 20c, $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Early Scarlet Horn. Old and favorite sort, much esteemed for early summer, oz., 15c, $\frac{1}{4}$ lb., 40c, lb. \$1.25.

Half Long Danvers. A variety intermediate in size and period of maturity between the preceding and the Dong Orange, oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Half Long Stump Rotted Chantenay. Like Nantes, broader shoulder, oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Half Long Rubicon Finest Carrot in existence, oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

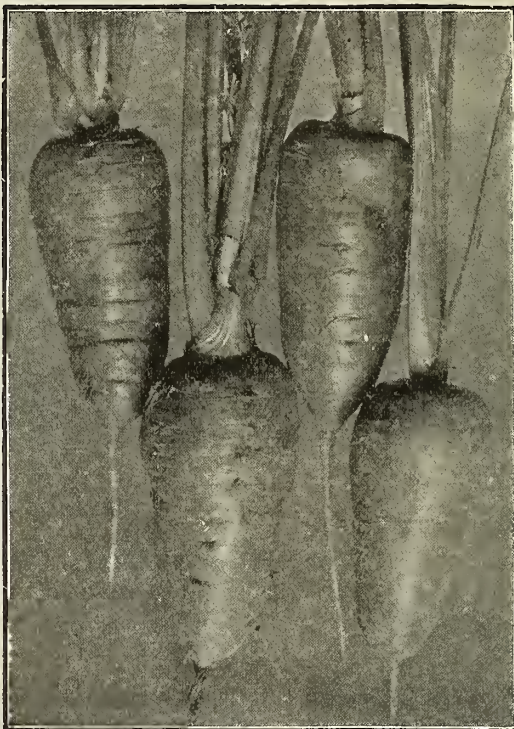
Half Long Stump Guarande or Oxheart, oz. 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Half Long Stump Nantes, oz. 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

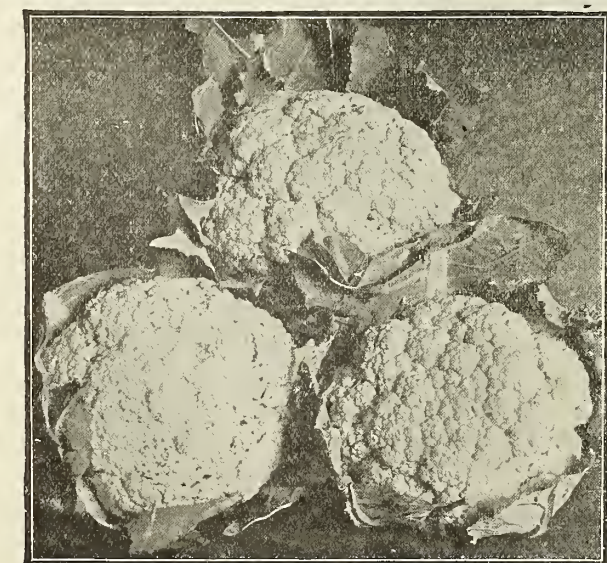
Carentan. A new early variety without core. It is an excellent sort for forcing, or used as an early kind of planting in the open ground.

Long Orange Improved. Roots of large size, equally adapted for garden or farm culture

Large White Belgian. Grown almost exclusively for stock



DANVERS CARROT.



DENMARK SPECIAL LARGE.

CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

Extra Early Dwarf Erfurt. Short stem; fine. Pkt. 25c, oz. \$4.00.

Extra Early Paris. This is one of the earliest and best varieties, heads large, white and compact, of fine quality. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

Early Snowball. Admirably for forcing, very solid, pure white heads. Pkt. 25c, oz. \$2.25.

Large Early Dwarf Erfurt. The earliest and best of all varieties. Pkt. 25c, oz. \$2.25.

Lenormand's Short-Stemmed. A late variety, producing very large well-formed heads of Superior quality. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

Algiers. Popular late variety, sure to head, excellent for market. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

Early London. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

CAULIFLOWER—Continued

DENMARK. Special Large Late. Very fine variety, large white compact heads, necessary the space between plants be greater than other varieties. Pkt. 20c, oz. \$1.50.

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and trans-planting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

CELERY

German, Celeri; French, Celerei; Spanish, Apih.

Thorburn's Fin de Siecle	30	85	3 00
Rose Ribbed Self-Blanching. A sort of golden-Self-Blanching; very choice....	30	85	3 00
Evans' New Triumph. Solid and crisp, fine nutty flavor	20	60	2 00
Giant Pascal. Stalks very large, thick and crisp	25	50	1 75
Golden Self-Blanching. Similar to White Plume; much larger in growth....	1 00	3 50	12 00
Large Ribbed Kalamazoo. Half-dwarf White, Solid	25	50	1 50
White Plume. Requires very little banking	25	60	2 00
Pink Plume. Similar to White Plume, stalks tinged with pink, good keeper....	25	75	2 50
Sandringham Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens	15	50	1 50
Boston Market. An excellent dwarf, growing white variety	25	50	1 50
Celery Seed for Flavoring	05	10	35

CELERIAC**TURNIP ROOTED
CELERY**

German, Knob-Celeri;
French, Celeri Rave.

Erfurt. For soups, oz. 25c,
¼ lb. 75c., lb. 2.50.

Giant Prague. For soups,
etc. When sliced and
cooked makes good winter
salad, oz. 25c, ¼ lb.
75c, lb. \$2.50.

Apple. Small foliage, oz.
30c, ¼ lb. 85c, lb. \$3.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this make them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

German, Bisenlauch; French Cerfeuil;

CHERVIL

Spanish Cerafolio.

	Per oz.	¼ lb.	lb.
Curled	\$0 15	\$0 40	\$1 25
Plain like above but not curled	10	35	1 00

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.

**CELERY**

CHICORY

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Per oz. ¼ lb. lb.

Common. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin" .. \$0 15 \$0 35 \$1 00

Large Rooted. Used to mix with or a substitute for coffee. Cultivation same as the carrot ... 10 30 90

Witloof or French Endive. See endive 20 40 1 50

CRESS

German, Kress; French, Cressen; Spanish, Mastueroz.

Curled Cress or Peppergrass 10 20 50

Water Cress 35 1 00 3 25

Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

CORN SALAD OR FETTICUS

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla.



Large Seeded 10 \$0 25 \$0 65

Lettuce Leaved 10 25 65

Small Seeded 10 25 65

Corn Salad, Fetticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

**WHITLOOF
CHICORY**

Per oz. ¼ lb. lb.

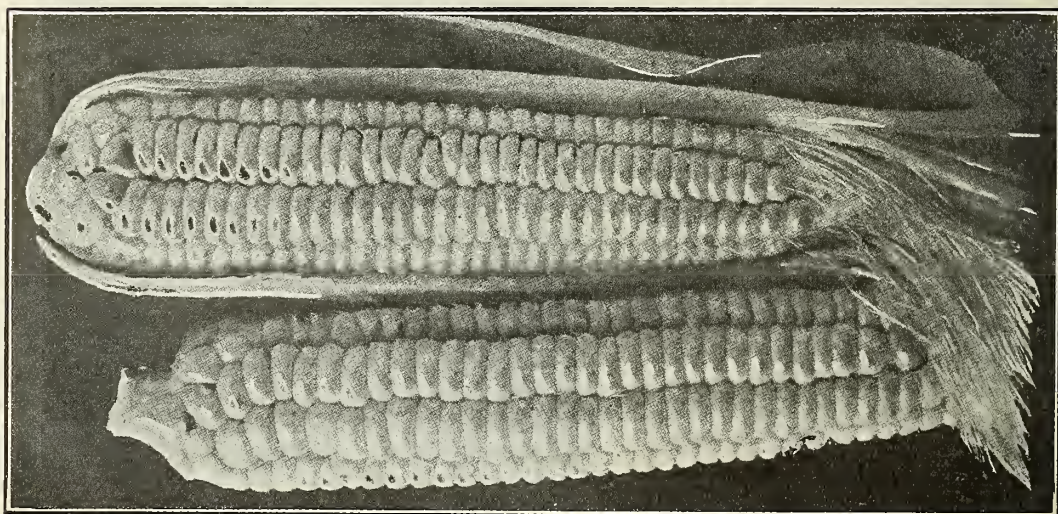
10 \$0 25 \$0 65

10 25 65

10 25 65

CORN—Sweet

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar.



GOLDEN BANTAM

CORN— Continued.

EXTRA EARLY VARIETIES.

	Per ear	100 ears	qt.	½ pk.	pk.	bu.
Chancellor. New, Very Sweet, 10c pkg.						
Early Dawn Extra Early. Earliest of all the Extra						
Early sweet corn	\$0 05	\$3 50	\$0 25	\$0 75	\$1 30	\$4 50
Golden Bantam Extra Early. Yellow, very sweet and						
tender			30	85	1 50	5 00
Early White Cory. Earliest grown, fit for use 60 days						
after planting. Very sweet, good size, white cobs ..	\$0 05	\$3 50	25	75	1 25	4 50
Mammoth White Cory. Ears double size of the old						
Cory			25	75	1 25	4 50
Perry's Hybrid. Very early and of large size; extra						
early	05	3 50	25	75	1 25	4 50
Early Minnesota. Very early; ears fairly sized and uni-						
forms, plants rather dwarf; one of the best early						
kinds; extra early	05	3 50	25	75	1 25	4 50

SECOND EARLY OR INTERMEDIATE.

Early Champion. Large ears, very sweet and produc-						
tive. The earliest large sort grown and fine for						
either home or market use.....	05	3 75	25	75	1 25	4 50
Early Mammoth. Large and not very late; general crop	05	4 00	25	75	1 25	4 50
Crosby's Early Sugar. Early sorts; ears short, from 12						
to 15 rows; second early	05	3 75	25	75	1 25	4 50
Moore's Early Concord. Ears large and well filled from						
12 to 20 rows; second early	05	4 00	25	75	1 25	4 50
Early Evergreen. A second early variety, resembling						
Evergreen; general crop	05	3 75	25	75	1 25	4 50
Long Island Beauty Early. Excellent, medium early,						
large size sweet	05	4 00	25	75	1 25	4 50

GENERAL CROP AND LATE.

Stowell's Evergreen. A late variety, of excellent quali-						
ty, remaining longer in the green state than any						
other; general crop.....	05	4 00	25	75	1 25	4 00
Hickox Improved. A new variety of superior excellence						
is 12 rowed, straight and handsome; a superior						
market kind; general crop.	05	4 00	25	65	1 10	3 75
Mammoth Sugar. A late variety of large size, very						
sweet and immensely productive. A leading variety						
Country Gentleman. The sweetest and most tender of						
all sweet corn, late crop	05	4 00	25	75	1 25	4 50
Moonachi or Sugar. Tender, sweet and productive;						
general crop	05	4 00	25	85	1 50	4 50
Black Mexican. One of the sweetest varieties			25	75	1 25	4 50
Sweet Fodder. For ensilage			20	50	80	2 50

Sweet corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills at distances of three or four feet each way according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distances apart. The first plantings in this vicinity are made about the middle of May, and successive planting every two or three weeks until the first week in July. In more Southern latitudes planting is begun a month earlier and continues a month later.

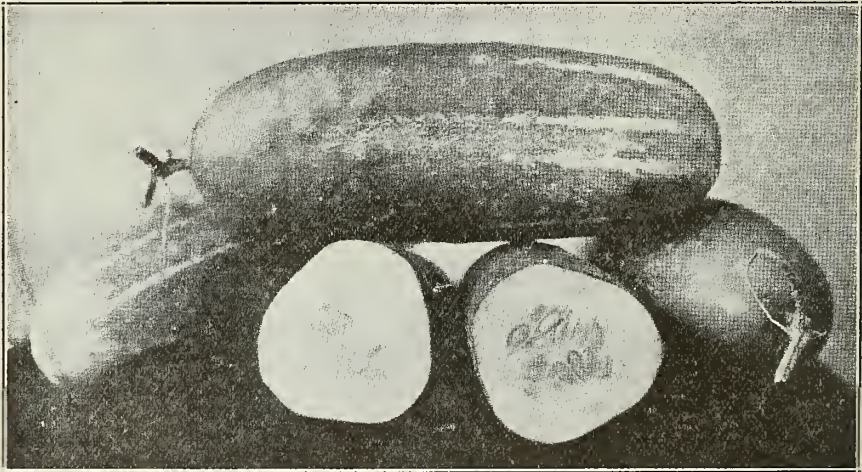
FIELD CORN.

	Qt.	Per	Bush.
	shelled	100 ear	shelled
Mastodon Dent. Very early strong growing	\$0 20	\$3 00	\$2 25
Pride of the North. (Dent) very early	20	3 00	2 25
Leamings Yellow. (Dent) early	20	3 00	2 25
Champion White Pearl	20	2 50	2 25
Early Canada. Yellow kernels	20	2 00	2 50
Large Yellow Flint	20	2 50	2 50
Large White Flint	20	2 50	2 50
Chester County Mammoth. Large, late yellow dent	20	3 00	2 25
Southern Horse Tooth. For fodder	(Market price)		
Eureka White Dent, for ensilage 12 to 14 rows, one of the best ensilage			
varieties, the fodder growing up to 17 feet, in some places matures			
in 120 to 130 days. See Novelties.	20		2 25

CUCUMBERS

German, Gurken; French, Concombre; Spanish, Pepino.

	Per oz.	¼ lb.	lb.
	\$0 20	\$0 60	\$2 00
Rice's Early Fortune. Best market and shipping sort, see novelties			
Cumberland. The best picking sort yet introduced, very handsome and productive, flesh fine but very crisp and tender	10	25	75
Fordhook Pickling. Prolific, medium size, skin thick	10	30	1 00
Davis Perfect. For forcing or outdoors, long and straight, valuable for slicing	15	30	1 00
Cool and Crisp. Very prolific; good for pickling and productive	10	25	85
Thorburn's Everbearing. Small size; very early	10	30	1 00
Japanese Climbing. Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor	15	35	1 25
Nichols Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp	10	30	1 00
Improved Early White Spine. The best table variety; grows uniformly straight and smooth; dark green; and tender and excellent flavored.	10	30	1 00
Peerless White Spine. A new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature.	10	30	1 00
Arlington White Spine. Fine either for forcing or for outdoors	10	30	1 00
Early Green Cluster. A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer	10	25	75
Early Short Green. The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well	10	25	75
Long Green. A very excellent variety; a good bearer; about a foot in length rather pointed at both ends; dark green, firm and crisp.....	10	30	1 00
Green Prolific Pickling. Very prolific; and said by those who have tested it equally desirable as a market Cucumber	10	30	1 00
West Indian Gherkin or Burr. A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be picked when young and tender	20	40	1 50



Cucumbers succeed best in warm, moist rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. English Frame Cucumber—Per pkt. 25c. Improved Sion House, Telegraph, Giant of Arnstadt, Duke of Edinburgh, Gen. Grant, Long Gun, Craters's Tender and True, Swan Neck, Blue Gown.

These varieties are for growing in hot-beds, or in hot-houses, particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in November, December or January, according to the time they are wanted for the market.

DANDELION

German, Pardelblume; French, Pisse en-lit; Spanish, Armagon.

	Per oz.	¼ lb.	lb.
Thick leaved	\$0 40	\$1 25	\$4 50
Best French	30	85	3 00
Montmagny	40	1 25	4 00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

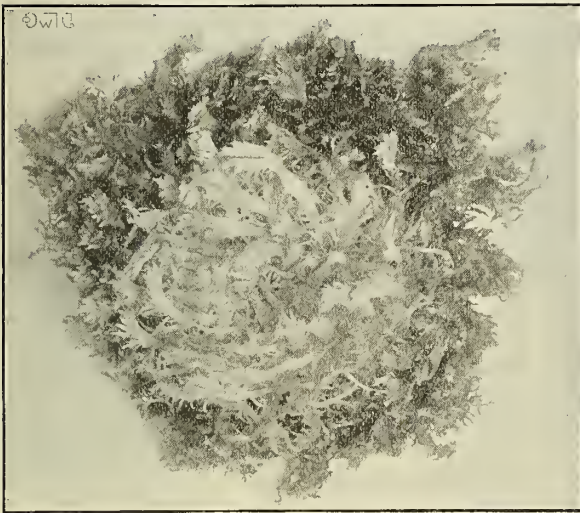


DANDELION

ENDIVE OR CHICKORY

German, Endevien; French, Chicoree; Spanish, Endivia.

	Per oz.	¼ lb.	lb.
Green Curled Winter. Very hardy; leaves dark green, tender and crisp	\$0 15	\$0 35	1 25
Broad Leaved Batavian. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching	15	35	1 25
Early White Curled. (Self-blanching), the best variety; grows to large size; very large and tender	25	60	2 00



ENDIVE

Moss Curled Early Summer. Used for salads as winter varieties

15 35 1 25

Witloff or French Endive. New.....

20 40 1 50

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the air and light.

EGG PLANT

German, Eier Pflanz; French, Aubergine; Spanish Bereinfiena.

	Per oz.	¼ lb.	lb.
New York Improved. Superior market variety of large size and fine variety	40	1 25	4 00
Black Beauty Tendage. Earlier than New York Improved and as large, purplish black....	40	1 30	4 50
Early Dwarf Purple. Medium size	30	85	3 00
Black Pekin. A fine variety, bearing large round, deep purple fruits, fine, grand and of superior quality	35	1 00	3 50

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

KALE

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

Siberian German Green or "Sproute." This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring10 .20 .65

Dwarf Green Curled Scotch. Beautifully fringed dwarf growing kind, with bright green leaves10 .20 .65

Tall Green Curled Scotch. Tall growing, very hardy variety, leaves a bright green, beautifully curled. .10 .30 .90

Dwarf Brown German Curled10 .30 1.00

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE

KOHL-RABI

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz. ¼ lb. lb.

Early White Vienna. Flesh white and tender; best market sort; good for table use \$0 15 40 \$1 50

Early Purple Vienna. Differing from the above in color, which is of a bluish purple 15 40 1 50

Large White or Green. Large ball, not so fine, but more productive ... 10 35 1 25

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.



KOHL-RABI

LEEK

German, Lauch; French, Poireau;
Spanish, Puerro.

Per oz. ¼ lb. lb.

Large American Flag.

The kind mostly

grown for market ..\$0 15 \$0 35 \$1 25

Large Careten. A large

growing French variety of excellent quality

15 35 1 25

Large Rouen. Very

large and fine

15 35 1 25

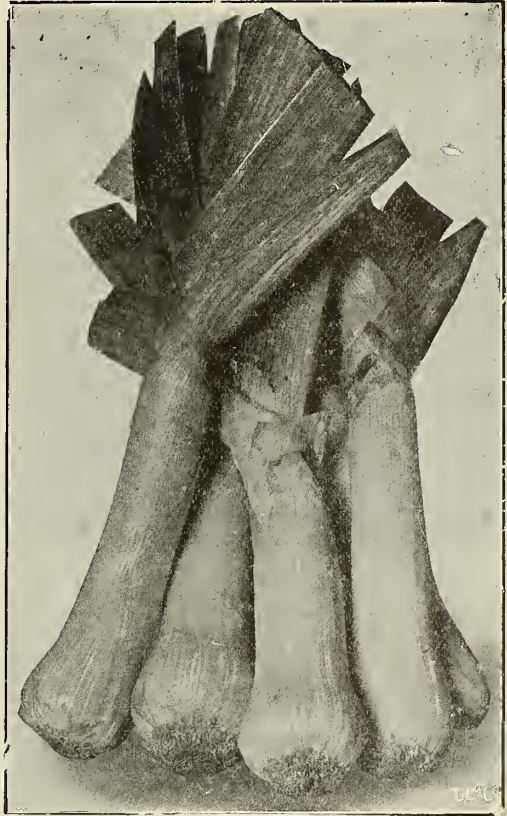
The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leaks are desired, the ground can hardly be made too rich.

SEA KALE

German, Seekohl; French, Crambe Maritime;
Spanish, Berton de Mar.

Sea-Kale Seeds. Very much like Celery, Per
oz. 20c. ¼ lb. 60c. lb. \$2.00.

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.



LEEK

LETTUCE

German, Laitiek; French, Laitue; Spanish, Lechuga.

For early crop, the seed may be sown in the open ground in September, and transplanted to coldframes as soon as large enough to handle. In dry, sheltered spots, by covering up with leaves late in the season. Lettuce plants may be saved over Winter without glass covering. The plants for setting out in Spring are also sown in coldframes in February, and in hotbeds in March, and by careful covering up at night make plants to set out in April.

Golden Yellow Cos. Long-standing; solid; golden yellow. Oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

Red Cos. Splendid French sort. Outer leaves red-brown. Oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

White Paris Cos. Of upright growth; fine w. s. Oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.



WHITE PARIS COS.



MAY KING LETTUCE

LETTUCE—Continued.

German, Laitick; French, Laitue; Spanish, Lechuga.

	Per oz.	¼ lb.	lb.
MAY KING LETTUCE. Very early, sure header, solid, good flavor (See Novelties)	\$0 15	\$0 40	\$1 50
The Holyrood Hot Weather Lettuce	40	1 25	4 00
Thorburn's Market Garden. Private stock sound, large heads	15	40	1 50
Thorburn's Maximum. Large and solid heads, heat resisting	15	40	1 50
Selected Buttercup. Yellow, solid heads for outdoor forcing	15	40	1 50
Big Boston. Similar to Boston Market, double this size	15	35	1 25
Early Curled Simpson. Very early and an excellent sort for forcing; is largely grown by the market gardeners	15	35	1 25
American Gathering. Twisted and curled leaves, fine for early or late	10	30	90
Deacon. This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor.....	15	35	1 25
Denver Market. For forcing or open ground; large solid heads	15	30	1 00
Tennis Ball. (Black seeded), well formed heads hardy and crisp, one of the earliest of heading varieties	15	35	1 25
Tennis Ball, or Boston. (White seeded), grows very compact, white and crisp, one of the best for forcing or the open ground	15	35	1 25
Salamander Head. Fine compact head, resists heat	15	35	1 25
Black-Seeded Butter. Fine market strain	15	35	1 25
Large White Cabbage. Excellent for summer; heads of good size	15	40	1 50
Black Seeded Simpson. Stands the summer well	15	40	1 50
Gray Seeded Butter. One of the best large heads	15	35	1 25
Shotwell's Brown Head. Large and handsome; heads hardy; standing summer heat without injury	15	40	1 50
Boston Market. Large solid heads, very fine for forcing, and of fine flavor.	15	35	1 25

ROMAINE OR COS VARIETIES.

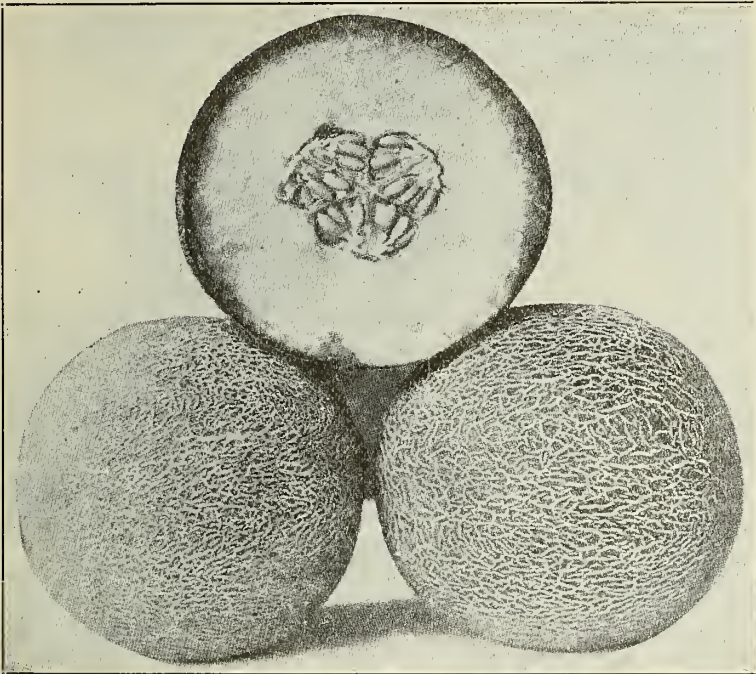
Trianon Cos. The best of the Cos variety	15	40	1 50
White Paris Cos (Romaine). Sow early; tie up to blanch	15	40	1 50
Golden Yellow Cos. Long standing, large solid heads, crisp and tender	15	40	1 50

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

MELON, MUSK

German, Melone; French, Melon; Spanish, Melon Muscatel.

Texas Cannon Ball. Very white; flesh. See Novelties	\$0 20	\$0 50	\$1 50
Paul Rose. Handsome, oval orange flesh, sweet	15	30	1 00
Long Island Beauty. Similar to Hackensack; very early	15	30	1 00
Miller's Cream or Osage. Flesh a salmon color and very thick	15	30	1 00
Golden Netted Gem. Early, round, fine small, fine flavor	10	30	1 00
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor	15	30	1 00
Montreal Market. Green flesh, very thick; fine flavor	15	30	1 00
Long Yellow Cantalope. Yellow flesh, suitable for the market	15	30	1 00
Baltimore Market. Oblong; orange flesh	15	30	1 00
Jennie Lind. A very early kind, of small size, but delicious flavor	15	30	1 00
White Japan. Size medium and nearly round; skin cream white and very thin; flesh pale green, early and sweet	15	35	1 25
Rocky Ford. Very sweet; spicy flavored, small and oblong, most popular sort	15	30	1 00



Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

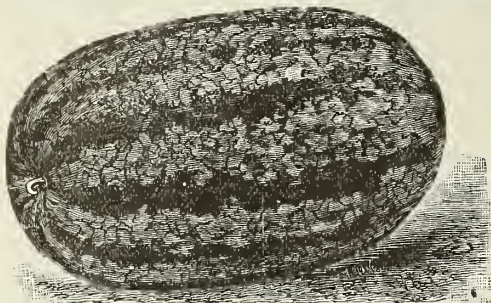
MELON, WATER

German, Wassermelone; French, Melon d' Eau; Spanish, Zaudia.

	Per oz.	¼ lb.	lb.
Tom Watson. Long and 8 to 10 in. diameter. Thin rind, crisp flesh, fine flavor	\$0 10	\$0 25	\$0 70
Kolb's Gem. Nearly round, dark green	10	25	70
Seminole. A new early variety. Long Striped sort	10	25	70
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large	10	25	70
Mountain Sweet. One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious	10	25	70
Black Spanish. Shape round, rather small; skin dark green, flesh red, sweet, rich	10	25	70
Phinney's Early. Flesh deep red, of a very superior quality; a valuable early market variety	10	25	70
Cuban Queen. Solid and heavy	10	25	70
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent	15	30	1 00

MELON, WATER—Continued.

	Per oz.	¼ lb.	lb.
Rattlesnake. Very large, striped, red flesh variety	\$0 10	\$0 25	\$0 70
Mammoth Iron Clad. Long and large; thin skin deep red flesh	10	25	70
The "Boss" Oblong; dark green	10	25	70
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves	10	20	65
Citron. (Green Seeded), used for preserves	10	20	65

**IRON CLAD**

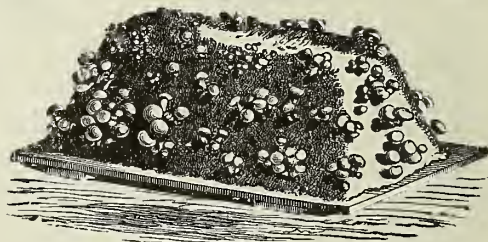
Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo.	
Imported English Spawn	per brick 15c 10 bricks \$1.30 100 bricks \$12.00
Imported French Spawn	None this season.
American Spawn Bricks	per brick 20c 10 bricks \$1.80 100 bricks \$16.00

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

**MUSHROOMS****MUSTARD**

German, Senf; French; Moutarde; Spanish, Mostaga.

	Per oz.	¼ lb.	lb.
White London. Best of salads	\$0 05	\$0 10	\$0 25
Black. Used for cooking and salad	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

NASTURTIUM

German, Nastrutian; French, Capusine; Spanish, Maranuela.

	Per oz.	¼ lb.	lb.
Tall Scarlet	\$0 15	\$0 25	\$0 75
Tall Yellow	15	25	75
Tall Nasturtium, Mixed	10	20	60
Dwarf Nasturtium, Mixed	15	25	75

NASTURTIIUM—Continued

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers which appear freely all summer, add a charm to the garden.

ONION

German, Zweibel; French, Oignon; Spanish, Cebolla. —

Per oz. ¼ lb. lb.



Yellow Globe Prize Taker, 90 days

Early Red Flat. About ten days earlier than the Large Red, and not quite so large.....	\$0 30	\$0 90	\$3 00
Large Red Wethersfield. The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper	30	90	3 00
Yellow Globe Danvers. An excellent variety, mild and very productive; ripens early and a good keeper	20	65	2 25
Prizetaker or Early Globe Spanish. Immense size..	20	65	2 00
White Portugal or Silver Skin. A handsome onion of mild flavor; extensively grown for pickling	35	1 00	3 50
Southport Red Globe. Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular	30	90	3 00
Southport White Globe. Form nearly ovoid symmetrical, keeps well, is an excellent variety	40	1 15	4 00
Southport Yellow Globe. Same as above, except in color	25	75	2 50
White Flat Bermuda. Very early	35	1 00	3 50
Red Flat Bermuda. Very early	30	90	3 00

ITALIAN VARIETIES.

Adriatic Barletta. White, new variety, fully two weeks earlier than the Queen	20	65	2 25
Early Queen. Excellent variety, very early, a good keeper and mild flavor white	20	65	2 25
Giant Rocca. A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor	20	65	2 25

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

ONION SETS

	qt.	½ pk.	pk.
White Onion Sets	\$0 30	\$0 90	\$1 50
Yellow Onion Sets	25	75	1 25
Red Onion Sets	25	75	1 25
Potato Onions	25	75	1 25
Shallots	25	75	1 25
Red Top Onions	25	75	1 25

THESE ARE PRICES RULING IN
FEBRUARY.

OKRA OR GUMBO

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



LONG GREEN OKRA.

	Per oz.	¼ lb.	lb.
Improved Dwarf White. Long slender pods, very productive, only 14 in. high	\$0 10	\$0 20	\$0 50
Dwarf Green. Early and productive	10	20	50
Long Green. Fine long pods, very good	10	20	50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

PARSNIPS

German, Pastinake; French, Panals; Spanish, Chirivia.

	Per oz.	¼ lb.	lb.
Guernsey or Cup. Leading variety	\$0 10	\$0 20	\$0 50
Long Smooth or Hollow Crown. Long roots	10	20	50
Early Round	10	20	60

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

PARSLEY

German, Petersilie; French, Persil; Spanish, Perjil.

	Per oz.	¼ lb.	lb.
Extra Double Curled. A fine dwarf variety excellent for garnishing	\$0 10	\$0 25	\$0 75
Fern Leaves. The most beautiful form of parsley, resembling crested fern or moss in its growth	10	30	1 00
Plain Leaves. Hardier than the curled variety.....	10	20	60
Moss Curled	10	25	75
Hamburg, or Rooted. Edible roots	10	25	75

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

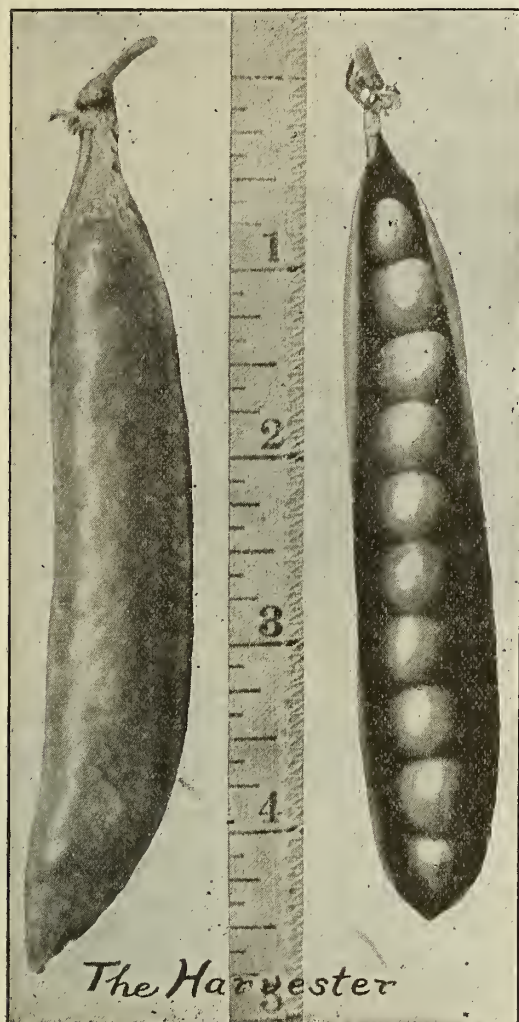
PEAS

German, Erbsen; French, Pois; Spanish, Guisantes.
Extra Early Varieties

	Per qt.	½pk.	pk.
Harvester. Medium Early. Large double podded. Heavy cropper. Fine flavor. Vines dark green and very sturdy	\$0 35	\$1 25	\$2 60
Gradus or Prosperity. Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet....	35	1 25	2 00
Thomas Laxton. A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor	35	1 25	2 00

PEAS—Continued.

Mauretania. Extra Early, First and Best Type. Larger Seed and better Pods... Per. qt. ½ pk. pk.
35 \$1 25 \$2 00



Nott's Excelsior. Extra dwarf wrinkled, pods larger than American Wonder, 1 foot 35 1 25 2 00

American Wonder. Earliest wrinkled variety, 1 1-2 feet 30 1 00 1 75

Alaska. Very early and retain their color well, height 2½ feet 35 1 25 2 00

First and Best. One of the best extra early Peas. An improved strain of the Extra Early Market, height, 2½ feet 35 1 25 2 00

Little Gem. A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet. 30 1 00 1 75

Premium Gem. A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height 18 inches 30 1 00 1 75

SECOND EARLY VARIETIES.

Heroine Medium Early. Green wrinkled, height 2½ feet. 35 1 25 2 00

Everbearing, good size pea long pod, height 2½ feet. 30 1 00 1 75

McLean's Advancer. Early green wrinkled varieties, delicious flavor, height 2½ feet 30 1 00 1 75

Pride of the Market. Very large pods, green peas, sow thin, height 2 feet.. 30 1 00 1 75

Yorkshire Hero, or Dwarf Champion 30 1 00 1 75

Abundance. 18 inches high, 6 to 8 peas in pod, large and wrinkled 30 1 00 1 75

Dwarf Telephone. Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and very sweet 35 1 25 2 00

GENERAL CROP.

Prince Edward. An Extraordinary cropper, large pods, fine quality, 4 feet. 35 1 25 2 00

Champion of England. A popular wrinkled variety of delicious flavor; profuse bearer. Peas are very large, tender, height 5 feet. 30 1 00 1 75

Telephone. This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet 35 1 25 2 00

Stratagem. Mammoth pods, well filled, height 1½ feet 35 1 25 2 00

Black-Eyed Marrowfat. Grown for market, hardy, productive, 3ft. bu. \$4.00 25 80 1 25

Mammoth Gray Sugar. Edible pods, a fine flavored variety; can be used in green state like string beans. Height 5 feet 45 1 50 2 50

Dwarf, Sugar. Edible pods 45 1 50 2 50

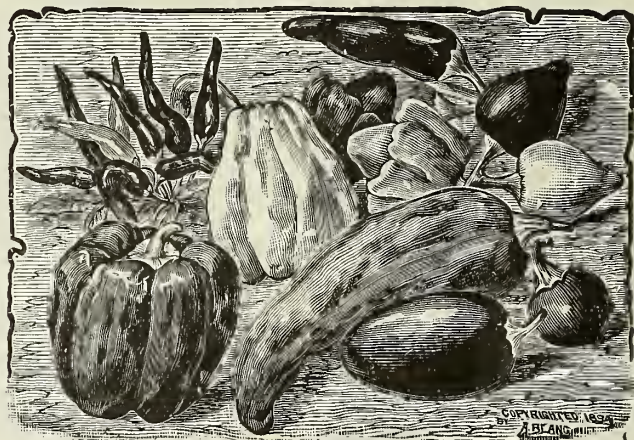
Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use,

PEAS—Continued.

they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

PEPPER

German, Pfeffer; French, Piment; Spanish, Pimento.



PEPPERS.

	Per oz.	¼ lb.	1 lb.
Ruby King. Very large; bright red	\$0 25	\$0 75	\$2 50
Sweet Spanish. One of the largest. Best for salads, mild	25	60	2 00
Large Bell or Bull Nose. An early variety of mild flavor	25	60	2 00
Sweet Mountain or Mammoth. Of large size, best for mangoes	25	60	2 00
Chinese Giant. Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	40	1 25	4 00
Long Red Cayenne. Used for Pepper, sauces very pungent	25	75	2 50
Golden Queen Mammoth. Large, golden, yellow, early	30	85	3 00
Chili. Very piquant and prolific, fruit conical, bright scarlet	25	60	2 00
Golden Dawn Mango. This is a remarkably prolific Pepper of the Bell class of a magnificent golden color	25	75	2 50
Hot Mango Pepper. Very Hot, best for Pepper Sauce and Pickling	25	75	2 50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata.

Houlton Stirling (see novelties).

Houlton Hebron. White skin, the most popular variety in cultivation

Houlton Rose. The standard variety

Houlton Early Queen. Early and productive

Houlton Green Mountain. Late variety, good keeper, white and mealy....

Houlton Irish Cobbler. Very early, round white

Houlton Boree. Extra early production, white flesh

Houlton Bagley

Houlton Delaware

Prices on
application

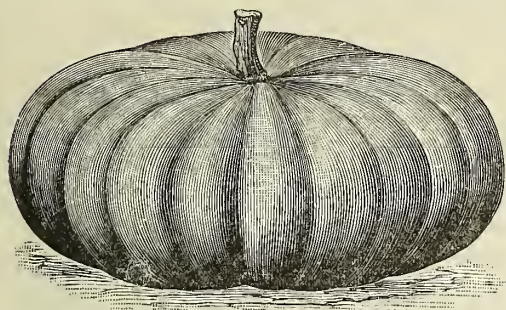
POTATOES—Continued



HOULTON MAINE POTATOES

PUMPKIN

German, Kuerbis; French, Gource; Spanish, Calabaz a Tetanera



CHEESE PUMPKIN.

	Per oz.	¼ lb.	lb.
Morse's Marrow. (See Novelties)	\$0 25	\$0 60	\$2 00
Calhoun. Flesh wonderfully thick, fine grained	10	20	60
Large Cheese. The best variety, hardy and productive	10	20	50
Connecticut Field. Very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel ...	10	15	45
Mammoth King. Grows to an immense size	10	30	1 00
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet	10	20	50
Cushaw. Salmon color,, crooked neck	10	20	50
Tennessee Sweet Potato. Bell shaped, thick, white flesh, nothing finer for pies	10	20	50

These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

RHUBARB

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

	Per oz.	¼ lb.	lb.
Linnaeus. Early, large and tender	\$0 15	\$0 40	\$1 25
Victoria. Very large, later than Linnaeus	15	35	1 00
Roots (Victoria)	10c. each	\$1 00	doz.

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following Spring, transplant into deep, rich soil, about three feet apart each way.

RADISH

German, Retting; French, Radis; Spanish, Robanitos.

	Per oz.	¼ lb.	lb.
Vick's Scarlet Globe. New, very fine.....	\$0 10	\$0 20	-\$0 60
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young.....	10	20	50
Early Scarlet Turnip. Forcing variety, maturing in three weeks.....	10	20	60
Early Scarlet Turnip. White tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners			
Market gardeners price.....10 lbs. at 40c lb.	10	20	60
Early Scarlet Turnip. White tip, forcing.....	10	20	65
Olive Shape Deep Scarlet.....	10	20	55
French Breakfast. Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white.....	10	20	60
Long Scarlet. One of the leading market kinds.....	10	20	50
Rose China Winter. Flesh firm and piquant; excellent for winter use....	10	20	60
White Summer Turnip. A summer variety of mild favor.....	10	20	50
Yellow Summer Turnip. Grows to a large size.....	10	20	60



Black Spanish Winter. Long, one of the hardiest and best for winter use.	10	20	60
Half Long Black Spanish. Very fine strain.....	10	25	75
Black Spanish Winter. Round	10	30	1 00
Giant Stuttgart. Summer favorite, German sort ..	10	20	60
California Mammoth White. A giant white fleshed Fall Radish	10	25	75
White Spanish. Long, rather milder than the black.	10	25	75
White Strasburg. Very large, German sort.....	10	20	60
White Vienna or Lady Finger. Crisp and tender in summer	10	25	75
Icicle. Long, pure white, suitable for forcing....	10	20	60

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy;

they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

SPINACH

German, Spinat; French, Spinard; Spanish, Espinaca.

Special price on lots of 10 to 25 lbs.

Long Standing, Round Leaved.....	\$0 10	\$0 15	\$0 40
Flander's Round Leaved. The variety commonly grown, good for spring or fall sowing.....	10	15	40
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety.....	10	15	40

SPINACH—Continued.

	Per oz.	¼ lb.	lb.
Victoria, New. Dark green color, sow early	\$0 10	\$0 15	\$0 40
Bloomsdale Savoy Leaved. A large, curled, thick leaved variety, the market gardner's favorite ...	10	15	40
Prickly. Prickly seeded, with triangular arrow-shaped leaves	10	15	40
New Zealand. Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil	10	20	60

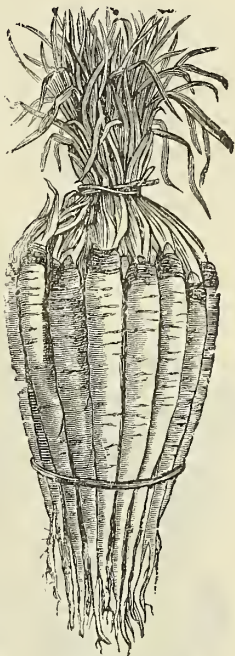
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

SALSIFY, OR OYSTER PLANT

German, Bocksbart; French, Salsifis; Spanish, Salsifi.

	Per oz.	¼ lb.	lb.
Long White French	\$0 20	\$0 50	\$1 50
Mammoth Sandwich Island	20	50	1 50

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



SALSIFY.

SQUASH

German, Garten Kuerbise, French, Courage; Spanish, Bueter

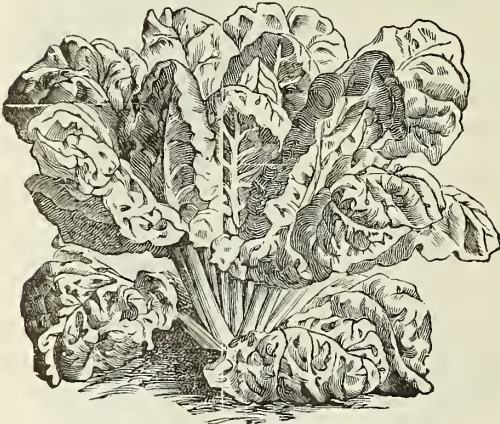
	Per oz.	¼ lb.	lb.
Mammoth Summer Crookneck. Twice size of Summer Crookneck	\$0 10	\$0 25	\$0 75
Fordhook Squash. Bright, yellow good keeper	10	25	75
Early Golden Bush Scalloped. True bush growth producing fruit ready for use early in the summer	10	25	75
Early White Bush Scalloped. A white variety of the above	10	25	75
Summer Crookneck. Early, productive and of good quality	10	25	75
Boston Marrow. A very valuable medium early variety, an excellent keeper and of superior quality	10	25	75
Hubbard. The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor	10	30	1 00



Mammoth Chili. Grows to a large size, often weighing two hundred pounds			
Excellent for stock	10	30	1 00
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor	10	30	1 00

SQUASH—Continued.

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

SWEET CHARD OR SILVER BEET.

SWISS CHARD.

Silver Leaf. This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Giant Lucullus. Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Pkg. 5 cts., oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

TOBACCO

Connecticut Seed Leaf. This variety is best adapted to the climate of the Northern and Middle States. Per oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Havana. Imported Seed, Vuelto de Abbajo. Per oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

TOMATO

German, Liebesapfel; French, Tomote; Spanish, Tomata.

	Per oz.	$\frac{1}{4}$ lb.	lb.
June Pink. A very early market sort, smooth, medium size, bright pink	\$0 30	\$0 85	\$3 00
Earliana, Extra Early. Bright red, smooth. It is claimed to be one of the earliest introduced, very productive	25	75	2 50
Favorite. Large, smooth, productive, very solid and of fine flavor. A good shipper	20	65	2 25
Imperial. Very smooth, bright red color, good size	25	75	2 50
Trucker's Favorite. Large, smooth and very regular in form, purplish red, solid	25	75	2 50
Thorburn's Terra Cotta. A cross between the Stone Peach and Ponderosa..	30	85	3 00
Ponderosa. Very large and solid	40	1 25	3 75
New Stone. Large and smooth	20	60	2 00
Livingston's Perfection. Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety..	20	65	2 25
Livingston's Beauty. Large dark crimson, thick skin	20	65	2 25
Dwarf Champion. Resembles Acme, early	25	75	2 50
Acme. A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato..	20	65	2 25
Matchless. Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific	20	65	2 25

TOMATO—Continued.

	Per oz.	¼ lb.	lb.
Golden Queen. A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor	\$0 25	\$0 75	\$2 50
Yellow Plum. Used principally for pickling	30	85	3 00
Red Pear Shape. Used principally for preserving and pickling	30	85	3 00
Red Currant for Preserves	40	1 25	4 00
Yellow Cherry. Similar to above, except in color	30	85	3 00

**EARLIANA TOMATO.**

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

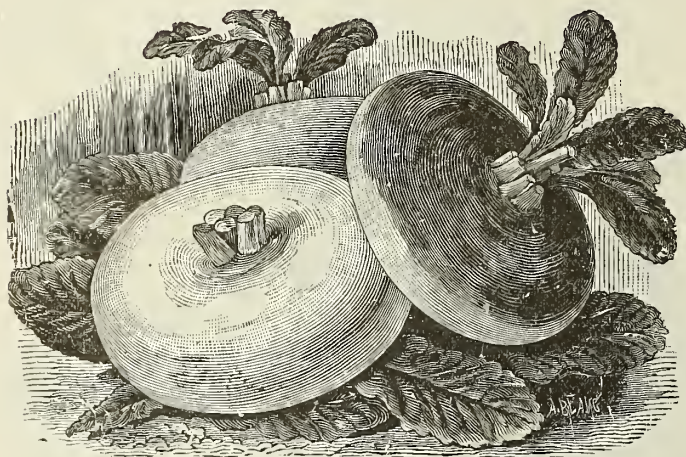
TURNIP

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	¼ lb.	lb.
Milan. (Purple top), the earliest of all	\$ 10	\$0 30	\$1 00
Early White Flat Dutch. An early garden variety of medium variety size.	10	20	50
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture	10	20	50
Red Top White Globe. Very desirable, extensively grown for market	10	20	50
White Egg. A new variety, beautifully shaped; excellent table turnip	10	20	50
Yellow Globe. One of the best for general crop, either for table use or stock	10	20	50
Yellow Stone. A good globe-shaped turnip, similar to the above	10	15	40
Golden Ball. A table Turnip of quick growth, and unsurpassed quality ...	10	20	50
Long White or Cow Horn. One of the best field Turnips, flesh fine grained	10	20	65
Yellow Aberdeen. Hardy and productive, large grown for farm purposes..	10	15	40
Large White Norfolk. Globe-shaped variety, one of the best for stock ...	10	20	50
Pomeranium White Globe. Very fine, white Globe variety, round and thick.	10	20	50
German Teltow. Small early fine grade, sugary	10	20	65
Seven Top. Tops used for Greens.....	10	15	40

TURNIPS—Continued

RUTA BAGAS



PURPLE TOP STRAP TURNIP

an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

American Improved Purple Top.

The leading variety, of fine quality, valuable both for the table and for feeding stock. Per oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Carter's Imperial Royal Swede.

An English variety, highly recommended as producing enormous crops. Per oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

White or Sweet German.

A large solid variety. Per oz, 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Laing's Improved, globe-shaped,

with small top and tap root. Per oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of

SWEET POT AND MEDICAL HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

Per oz.

Anise (<i>Pimpinella anisum</i>), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning	\$0 10
Balm (<i>Melissa officinalis</i>), a hardy perennial, used for making balm tea and balm wine....	25
Basil, Sweet (<i>Ocimum basilicum</i>). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces.....	10
Bene (<i>Sesamum orientale</i>)	10
Borage (<i>Borage officinalis</i>), hardy annual, some times used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers	15
Caraway (<i>Carum cauri</i>), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors	10
Catnip (<i>Nepeta cataria</i>), perennial	40
Coriander (<i>Coriandrum salivum</i>), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine	10
Dill (<i>Anethum graveolens</i>), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants 75c lb	15
Fenel (<i>Anethum foeniculum</i>), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces	10
Horehound (<i>Marrubium vulgare</i>), hardy perennial, principally used for medicinal purposes...	20
Hyssop (<i>Hyssopus officinalis</i>), hardy perennial, the leafy tops and flowers are used for making hyssop tea	20

SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Per oz.
Lavender (<i>Lavandula spica</i>), a popular aromatic herb	\$0 60
Majorum, Sweet (<i>Origanum Majorana</i>), for seasoning	15
Opium Poppy (<i>Papaver sonniferum</i>)	25
Rosemary (<i>Rosmarinus officinalis</i>), an aromatic herb	50
Rue (<i>Ruta graveolens</i>), used for medicinal purposes, also frequently given to fowls for the roup	35
Saffron (<i>Carthamus tinctorius</i>)	15
Sage (<i>Salvia officinalis</i>), much used for flavoring various articles of cookery. It is also pos- sessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse pers- piration	20
Summer Savory (<i>Satureia hortensis</i>), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups	20
Sorrel, Broad Leaved, used in salads	25
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for ner- vous headache	40
Tarragon, Roots, each 35 cents	35
Tansy (<i>Tanacetum vulgare</i>)	30
Wormwood (<i>Antemesia abietnium</i>), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds	25

MUZZY BROTHERS' CELEBRATED LAWN GRASS

	1 qt.	2 qt.	4 qt.	8 qt.	1 bu.
Muzzy Bros.' Fine Mixed Lawn Grass. Composed of a mix- ture of the finest grasses; sow three bushels per acre.....	\$0 20	\$0 40	\$0 75	\$1 25	\$4 00
Muzzy Bros.' Special Lawn Mixture. This extra choice mix- ture contains a large proportion of the finer and more ex- pensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible	25	50	85	1 50	5 50
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun	35	60	1 00	1 75	6 00

QUANTITIES TO BE USED.

Plot 20 feet by 20 feet, sow 1 quart.	Plot 25 feet by 50 feet, sow 4 quarts.
Plot 25 feet by 25 feet, sow 2 quarts.	Plot 25 feet by 100 feet, sow 8 quarts.
Plot one acre, sow 3 bushels.	

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

MUZZY BROS.' LAWN GRASS, TOP DRESSING, ODORLESS

QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 pounds	Price \$0 25
Plot 20 feet by 50 feet, use 10 pounds	Price \$0 45
Plot 25 feet by 100 feet, use 25 pounds	Price \$1 00
Plot 50 feet by 100 feet, use 50 pounds	Price \$1 75
Plot One-quarter acre, use 100 pounds	Price \$3 00



HOW TO MAKE A LAWN

The ground ought to be carefully prepared during the winter, by draining if found requisite, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to a depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the most importance it should be well done. The ground should then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months' sowing the scythe should be used in preference to the machine. Frequent mowing and rolling are indispensable to maintain the turf in good order. By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth rake and rolling afterwards. A slight dressing of manure late in the Fall, will often be found beneficial in encouraging the growth of finer grasses, and helps to produce a close growing turf.

MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high, dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

MEADOW MIXTURE FOR ONE ACRE

No. 1. On Good Land, Neither Too Dry nor Too Wet

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre

No. 2. For High and Dry Land

Price \$6.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

No. 3. On Wet Land

Price \$5.25 per bushel of 20 lbs. Sow 2 bushels to the acre.

PASTURE MIXTURE FOR ONE ACRE

No. 4. On Good Land. Neither Too Wet nor Too Dry.

Price \$5.25 per bushel of 20 lbs. Sow 2 bushels to the acre.

No. 5. On Dry Land

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

No. 6. On Wet Land

Price \$5.50 per bushel of 20 lbs. Sow 2 bushels to the acre

CLOVERS

(Subject to Variation in Price).

Red Clover. Medium (<i>Trifolium pratense</i>). Price variable, 60 lbs. to bushel.	} Market Price.
Red Clover, Large or Pea Vine. Price variable	
White Clover. (<i>Trifolium repens</i>)	
Alfalfa or Lucerne. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre	
Alsike or Swedish (<i>Trifolium hybridum</i>). Ten pounds to the acre	
Crimson or Italian (<i>Trifolium incarnatum</i>), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable	
Bokhara Clover (<i>Melilotus alba</i>), affords excellent feed for bees; it is valuable soiling plant; lasts two years. Ten pounds to the acre ..	}
Yellow Trefoll (<i>Medicago lupina</i>) Hop clover. Fifteen pounds to the acre	

GRASS SEEDS

These Prices are Subject to Variation.

	Per 10 lbs.	Per lb.
Blue Grass Kentucky (<i>Poa pratensis</i>), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb bushel ...	\$2.50	\$0 30
Creeping Bent Grass, Florin (<i>Agrostis stolonifera</i>), used for lawns, well adapted to most places	6 00	65
Crested Dogtail (<i>Cynosurus cristatus</i>), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns, 25 lbs. to the acre	4 50	50

GRASS SEED—Continued		Per 10 lbs.	1 lb.
Hard Fescue (<i>Festuca duruiscula</i>), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre		\$3 50	40
Meadow Fescue (<i>Festuca pratensis</i>), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre		2 50	30
Sheep's Fescue (<i>Festuca ovina</i>), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs to the acre.		4 50	50
Meadow Foxtail (<i>Alopecurus pratensis</i>), regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth. 25 lbs. to the acre		4 50	50
Meadow Soft Grass (<i>Holcus lanatus</i>), will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs. to bushel		3 00	40
Orchard Grass (<i>Dactylis glomerata</i>), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu.		2 75	35
Red Top Grass (<i>Agrostis vulgaris</i>), good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$4.00; per bushel of 14 lbs., \$1.50			
Fancy Red Top Grass , cleaned like Timothy; free from chaff		2 25	25
Rhode Island Bent Grass (<i>Agrostis canina</i>), best of all grasses for lawn where only one variety is used		5 00	55
Rye Grass English (<i>Lolium perenne</i>). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass		1 50	20
Rye Grass Italian (<i>Lolium Italicum</i>). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state		1 25	20
Sweet Vernal Grass (<i>Anthoxanthum odoratum</i>), is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals		6 00	75
Tall Meadow Oat Grass (<i>Avena Elatior</i>). As a crop to cut for hay, this is of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South		3 00	35
Timothy, Herd's Grass (<i>Phleum pratense</i>). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market, 45 lbs. to bu.....		Market Price	
Rough Stalked Meadow Grass (<i>Poa trivialis</i>), produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre		5 50	60
Wood Meadow Grass (<i>Poa nemoralis</i>). This grass grows well both on shady and exposed situations. 30 lbs. to the acre		5 50	60
Yellow Oat Grass (<i>Avena flavescens</i>), good for dry pastures and meadows. Is much relished by sheep			90
Golden or German Millet . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs		Market Price	
Hungarian Grass . A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three to the acre. Per bushel of 48 lbs		Market Price	

GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

Sold at Market Prices.

SPRING WHEAT, 60 lb. Bushel

- Saschatewan Fife**
China Spring. Chaff bearded variety, and a general favorite.
Mediterranean Spring This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.
White Russian. This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre.

WINTER WHEAT, 60 lb. Bushel.

- Jones' Winter Five.** Surpassing all other varieties in hardiness and productiveness.
Golden Cross. Has the yield of the Clawson, with flower of the Mediterranean.
Clawson. Also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.
Fultz. A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.
Red Mediterranean. (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

OATS, 32 lb. bushel.

- SWEDISH or WASHINGTON.** Very popular and standing well until fully ripe.
Probstreier. Very productive and heavy. The straw is very strong: No. 32.
Scotch. One of the leading varieties.
Welcome.

RYE 56 lb. Bushel.Spring and Winter Rye

SPRING BARLEY, 48 lb. Bushel

- Vermont Champion** (two rowed).

BUCKWHEAT, 48 lb. Bushel.

- Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

JAPANESE BUCKWHEAT

- Yields twice or three times as much as Silver Hull and ripens a week earlier.

MISCELLANEOUS SEEDS, ETC.

- | | |
|--------------------------------|-----------------------------|
| Cow Peas. For Fodder | Per qt. 20c; bu. \$4.00 |
| Kaffir Corn or Sorghum. | Per lb. 15c; 100 lb. \$7.00 |
| Canada Field Peas | Market Price |
| Winter Vetches | Market Price |
| Spring Vetches | Market Price |
| Flax. Very Clean. | Market Price |
| Soja Beans. | Per qt., 20c; bu., \$3.50 |
| Essex Rape. | Lb. 15c; 100 lbs. \$10.00 |



MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Sicily (Pharlaris canariensis).....	Per lb.,	12
Hemp (Cannabis sativa).....	Per lb.,	12
Maw (Papaver Rhoeas).....	Per lb.,	15
Lettuce Seed.....	Per lb.,	25
Millet (Panicum miliacedum).....	Per lb.,	12
Rape (Brassica napus).....	Per lb.,	12
Mixed Bird Seed.....	Per lb.,	12
Sunflower, Large Russia.....	Per bushel, 28 lbs., \$3.25, per qt.	10
Gravel for Cages.....	Per box, 5c.	
Cuttle Fish Bone.....	Each, 2c and 3c	

Asparagus Roots, Conover's Colossal and Palmetto (2 years old) ...	Per 100, 80c; per 1,000, \$6.00
Rhubarb Roots.....	10c each.
Horse Radish Roots.....	Per 100, 75c; per dozen, 20
Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes.....	Prices on Application

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus.....	1 oz. to 60 ft. drill	Pole Beans.....	1 qt. to 150 hills
Beet.....	1 oz. to 50 ft. drill	Corn.....	1 qt. to 200 hills
Carrot.....	1 oz. to 150 ft. drill	Cucumber.....	1 oz. to 50 hills
Endive.....	1 oz. to 150 ft. drill	Water Melon.....	1 oz. to 30 hills
Okra.....	1 oz. to 40 ft. drill	Musk Melon.....	1 oz. to 60 hills
Onion.....	1 oz. to 100 ft. drill	Pumpkin.....	1 oz. to 40 hills
Onion Sets, small.....	1 qt. to 20 ft. drill	Early Squash.....	1 oz. to 50 hills
Parsley.....	1 oz. to 150 ft. drill	Marrow Squash.....	1 oz. to 16 hills
Parsnip.....	1 oz. to 200 ft. drill	Cabbage.....	1 oz. to 3,000 plants
Radish.....	1 oz. to 100 ft. drill	Cauliflower.....	1 oz. to 3,000 plants
Salsify.....	1 oz. to 70 ft. drill	Celery.....	1 oz. to 4,000 plants
Spinach.....	1 oz. to 100 ft. drill	Egg Plant.....	1 oz. to 2,000 plants
Turnip.....	1 oz. to 150 ft. drill	Lettuce.....	1 oz. to 4,000 plants
Peas.....	1 qt. to 100 ft. drill	Pepper.....	1 oz. to 2,000 plants
Dwarf Peas.....	1 qt. to 100 ft. drill	Tomato.....	1 oz. to 2,000 plants

QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem.....	3 bu.	Kale, German Greens.....	3 lbs.
Asparagus, in 12-inch drills.....	25 lbs.	Lettuce, in rows; 2½ feet.....	3 lbs.
plants, 4x1¼ feet.....	8,000	Leek, in rows; 2½ feet.....	3 lbs.
Barelay, broadcast.....	2½ bu.	Melon, Water in hills; 8x8 feet.....	3 lbs.
Beans, dwarf, in drills; 2½ feet.....	2½ bu.	Citron, in hills; 4x4 feet.....	2 lbs.
Lima, in drills; 4x4 feet.....	20 qts.	Millet, Pearl, in drills.....	5 lbs.
Pole, in hills, 4x3 feet.....	10 qts.	Golden, broadcast.....	¾ bu.
Beets, in drills, 2½ feet.....	6 to 8 lbs.	Mustard, broadcast.....	12 to 16 qts.
Broom Corn, in hills.....	4 to 6 qts.	Oats, broadcast.....	2 to 3 bu.
Buckwheat broadcast.....	1 bu.	Onion, in drills.....	5 lbs.
Cabbage, sown in frames.....	6 oz.	In beds for sets.....	5 lbs.
Sown in outdoor beds for trans-planting.....	10 oz.	Parsnips, in drills; 2½ feet.....	5 lbs.
Carrot, in drills; 2½ feet.....	3 lbs.	Peas Early, in drills.....	1½ bu.
Celery Seed.....	8 oz.	Marrowfat, in drills.....	1¼ bu.
Plants, 4x1½ feet.....	25,000	Broadcast.....	3 bu.
Chufas, in drills, 2½ feet.....	½ bu.	Potato, cut tubers; in drills... 8 to 10	bu.
Clover, Alsike.....	5 lbs.	Radish, in drills, 2 feet.....	8 lbs.
Red, alone.....	15 lbs.	Broadcast.....	12 lbs.
White, alone.....	12 lbs.	Pepper Plants, 2½x1 foot.....	17,500
White, with other Seeds.....	4 lbs.	Pumpkin, in hills; 8x8 feet.....	2 qts.
Lucerne or Alfalfa.....	15 lbs.	Parsley, in drills; 2 feet.....	4 lbs.
Corn, Sweet.....	8 to 10 qts.	Rye, broadcast.....	1½ to 2 bu.
Field.....	7 to 9 qts.	Salsify, in drills, 2½ feet.....	10 lbs.
For fodder.....	3 bu.	Sorghum, in drills.....	10 to 12 lbs.
Corn Salad, in drills; 10 inches.....	25 lbs.	Spinach, in drills.....	10 lbs.
Cucumber, in hills.....	1½ lbs.	Broadcast.....	30 lbs.
Egg Plants; plants 3x2 feet.....	4 oz.	Turnips, in drills; 2 feet.....	1½ lbs.
Endive, in drills, 2½ feet.....	3 lbs.	Broadcast.....	2 to 3 lbs.
Grass, Hungarian.....	¾ bu.	Tomatoes, in frame.....	4 oz.
Lawn.....	3 to 4 bu.	Plants.....	3,800
Orchard.....	2 to 3 bu.	Wheat, broadcast.....	2 bu.
Rye.....	2 bu.	In drills.....	1¼ bu.
Kentucky Blue.....	3 bu.	Clover,) together (10 lbs. Clover	
Timothy.....	¼ bu.	Timothy,) for (¼ bu. Timothy	
Red Top.....	3 bu.	Red Top,) one acre (1 bu. Red Top	

HIGH GRADE FERTILIZERS

MUZZY BROS.' SWIFT "SURE" PHOSPHATE

FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED

Stands ahead of anything in the market in Analysis, selling Price and Results. The Great Satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

GUARANTEED ANALYSIS

Ammonia.....4 per cent. Ton (12 bags) \$38.00; per bag (167 lbs.) \$3.50
Available Phos. Acid.....9 per cent.

MUZZY BROS.' SPECIAL FERTILIZER

We recommend this fertilizer for a general line of looks, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia.....2 per cent.
Available Phos. Acid.....8 per cent. Ton (12 bags) \$30.00; per bag (167 lbs.) \$3.00

FINE GROUND BONE for Lawns

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS
GUARANTEED ANALYSIS

4 to 5 per cent. Ammonia.	45 per cent. Bone Phosphate of Lime.
5-pound bag for space 20x 25 feet.....	\$0 25
10-pound bag for space 20x 50 feet.....	45
25-pound bag for space 25x100 feet.....	1 00
50-pound bag for space 50x100 feet.....	1 75
100-pound bag for space ¼ acre.....	3 00

PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

Quantity Required. For garden and field crops. 1 to 2 tons per acre—half before plowing, the balance before harrowing. For top dressing grass; use 1 ton per acre in fall or early spring.

Price, 100 lb. bag, \$2.00; per ton of 2,000 lbs. \$35.00; in packages of 2 lbs. 15c; 10 lbs. 40c.

HUMUS.

Decayed vegetable matter for lawn, Rhododendron, bulbs, flowers, etc. Good top dressing for the spring. Plain, \$15.00 ton. \$1.00 100 lbs. Prepared.

NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs. 50c; 10 lbs. 80c; 25 lbs. \$2.00; 50 lbs. \$3.50. Bags trifle over 200 lbs. Market Price.

MURIATE OF POTASH

50 per cent. Actual Potash.

One of the Best Fertilizers for Grass, Wheat, Rye, Oats, Barley, etc. Used with Nitrate of Soda Ground Bone, Acid Phosphate would furnish sufficient available for an increase in yield by 50 per cent. Out of the Market.

HIGH GRADE FERTILIZERS—Continued.**ACID PHOSPHATE**

14 to 16 per cent. Available Phosphoric Acid.

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base. Price, \$1.50 for 100 lbs. \$2.50 Bag of 200 lbs.

Hydrated Lime and Pulverized Limestone

These are high calcium limes and are adapted for use on all soils that require sweetening. Most lawns and gardens require an application of lime in some form.

The Hydrated Lime is best adapted to all garden crops.

The Ground Limestone is recommended for top dressing lawns and for all farm crops.

Leguminous crops such as Alfalfa, Clover, Peas and beans in particular require applications of lime.

Hydrated Lime packed in 125 lb. bags, \$1.25; \$15.00 ton.

Ground Limestone packed in 100 lb. sacks, price \$1.00; \$12.00 ton.

GENERAL LIST OF FLOWER SEEDS**HARDY ANNUALS**

Successive sowing may be made from March to the end of September; March, April and May are the best months for general summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is May and June. Select for sowing a shady, moist situation, and in order to secure the strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November; those sown in Autumn are best planted out in March or April, when intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, China Pink, and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

GENERAL LIST OF FLOWER SEEDS Continued

- A. Annuals, refers to those plants that last but one season, and must be raised annually.
- B. Biennial, raised one year, bloom and die the next.
- P. Perennial, last two or more seasons.
- h. Hardy, are those that may be grown at all seasons in open air, without protection.
- hh. Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.
- t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
- cl. Climbing; as Cypress Vine, Morning Glory, etc.
- spr. Spreading or trailing as Verbena.
- g. Greenhouse, those plants which require to be grown under glass.
- s. Shrubs, plants of a shrubbery or bushy habit.

Those Biennials and Perennials marked with a (*) will bloom the first year if sown early.

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Abrobra viridiflora	hhA	spr.	pink	5	Beans pretty scarlet fruits.
Abronia umbellatta	hhB	2	white	5	Pretty Verbena-like annuals.
Abronia grandiflora	TP	6	various	10	Beautiful bell-shaped flowers.
Abutilon mixed	hhP	3-5	yellow	5	Good for greenhouse or potculture.
Acacia mixed		6	mixed	5	Tassel Tree greenhouse shrubs yellow color.
Achimenes choice mixed	gP	1	various	25	Beautiful tuber-rooted plants.
Ageratum Mexicanum	hhA	½	blue	5	Valuable bedding plants of dwarf habit, very free bloomer.
Ageratum Imperial dwarf	hhA	1	rose	5	
Ageratum Lasseauxii	hA	½	white	5	Sweet Alyssum, a well known
Alyssum sweet	oz. 30c		yellow	5	fragrant flower.
Alyssum Saxatile	hhA	4	var. col.	5	Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
Amaranthus	hhA	2	red	5	
Jandatus Love lies bleeding oz 25c	hhA	3	red	5	
Amaranthus bicolor ruber	hhA	spr.	scarlet	10	
Amaranthus salicifolius	hhA	1	var. col.	5	
Joseph's Coat	oz. 25c	hP	1 purple	5	Excellent for bouquets.
Anchusa augustifolia	gP	2	vio. blue	10	Beautiful ornamental plants.
*Angelonia grandifolia	gP	2	various	25	The Antirrhinum or snapdragon, a very useful and showy plant.
*Antirrhinum majus, choice mix	hP	1	various	5	
*Antirrhinum Tom Thumb	hP	2	yellow	5	Columbines, handsome free flowering border plants, perfectly hardy.
Aquilegia chrysantha	hP	2	sky blue	25	
Aquilegia coerulea	hP	2	various	15	
Aquilegia choice mixed double	hP	½	white	5	Rock on bordering, early flowering.
Arabis Alpina	hP	3	red frt.	10	Beautiful scarlet berries.
Ardisia crenulata	gS	30	yel. br.	25	Dutchman's Pipe.
Asperula azurea setosa	hhA	1	blue	5	Pretty, sweet scented free-bloomers.
Asperula odorata (woodruff)	hP	2-3	white	10	
Aster Queen of market, mixed	hhA	2	mixed	5	One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
Aster Queen of market, rose	hhA	2	rose	5	
Aster Queen of market, white	hhA	2	white	5	
Aster Queen of market, lavender	hhA	1	lavendar	5	
Aster Queen of market, blue			blue	5	
Aster Comet, finest mixed			mixed	5	
Aster Chrysanthemum flowered					
Aster finest mixed	hhA	½	mixed	5	
Aster Ostrich feather					
Aster Mixed	oz. 75c	1½	mixed	5	
Auricula, finest mixed	hhP	¼	mixed	25	Charming Spring pot plant.
Azalea indica mixed	gS	4	mixed	25	Beautiful flowering shrubs.
Balloon Vine	oz. 25c	10	wh. g'rr	5	Rapid growing climber.
Balsam mixed double	hhA	2	various	5	

NAME.	Hardness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Balsam Camelia- flowered mixed	hhA				Balsam or Ladies Slipper. One
Balsam oz. 75c		2	various	5	of the finest of summer bloom- ing annuals; also excellent for pot culture.
Balsam Apple	hhA	10	yellow	5	Interesting climber, with remark- able fruits.
Balsam Pear	hhA	10	yellow	5	Beautiful new hybrids.
Begonia new hybrids	gS	2	various	25	Fine for specimens or groups.
Bocconia Japonica	hP	4	white	10	Striking plants for greenhouse or outdoor cultivation.
Browallia elata	gA	1½	blue	10	Unsurpassed for richness of color- ing and beauty of shape.
Browallia alata alba	gA	1½	white	10	
Calceolaria hybrids	gB	2	various	25	
Calceolaria rugosa	gB	2	various	25	
Calendula Meteor	hA	1-3	striped	5	
Calendula Pongei fl. pl.	hA	1½	white	5	
Campanula Carpatia	hP	1	blue	5	C. Carpatia, fine for edgings.
Campanula alba	hP	1	white	5	C. pyramidalis, very handsome in pots.
Campanula pyramidalis	hhP	4	blue	5	A charming climber.
Canary Bird flower	hhA	10	yellow	10	
Candytuft crimson .....oz. 40c	hA	1	crimson	5	
Candytuft white .....oz. 40c	hA	1	white	5	Beautiful and useful hardy an- nuals, very effective in beds, groups or ribbon borders; also for pot culture.
Candytuft mixed .....oz. 20c	hA	1	various	5	
Candytuft rose .....oz. 40c	hA	1	rose	5	
Candytuft new carmine .....oz. 40c	hA	1	carmine	5	
Candytuft Tom Thumb.....oz. 40c	hA	½	white	5	
*Canna gigantea	gP	8	red	10	
*Canna Marshall Vaillant	gP	4-5	orange	10	These stately plants are remark- able for their large and hand- some foliage, producing a most luxuriant and tropical appear- ance.
*Canna Fintelmannii	gP	5	yellow	10	
*Canna Nigrians	gP	3	red	10	
*Canna Bihorrelli	gP	3	scarlet	10	
*Canna mixed var oz. 50c	gP	3-6	various	5	
*Canterbury Bells, blue	hP	3	blue	5	
*Canterbury Bells, white	hP	3	white	5	Handsome old-fashioned plants for mixed borders.
*Canterbury Bells, mixed	hP	3	mixed	5	
Carduus benedictus	hA	3	white	5	Ornamental Thistle.
Carnation finest double	hP	2	various	5	The Carnation Pink is indispen- sable for its rich flavors and de- licious perfume.
Carnation mixed for borders	hP	2	various	5	
Carnation perpetual or tree	hP	2	various	50	Handsome silver foliage plants for bedding out of the green- house.
Centaurea candidissima 1,000 \$2	hhP	1	wh. fol.	10	
Centaurea Clemenței	hhP	1	wh. fol.	10	
Centaurea gymnocarpa ½ oz. \$2	hhP	1	wh. fol.	10	
Chrysanthemum annual mixed	hA	2	various	5	Showy annuals, for mixed beds or borders. Double Golden and Burridgei are very handsome.
Chrysanthemum double white	hA	1	white	5	Chrys. indicum and pompon are beautiful Fall flowering Chry- santhemums.
Chrysanthemum double golden	hA	1	orange	15	
Chrysanthemum indicum fl. pl.	hA	1	various	10	Superb strain; large flowers of beautiful form and color.
Chrysanthemum Burridgei imp.	hP	3	various	10	
Chrysanthemum pompon fl. pl.	hP	2	various	10	New varieties, large double flowers.
Cineraria hybridia choicest m'x'd	gP	1½	various	5	Silver foliage bedding plant.
Cineraria hybridia dwarf mixed	gP	¾	various	25	Very pretty free flowering an- nuals.
Cineraria hybridia double new	gP	1¼	various	60	Beautiful greenhouse plant.
Cineraria maritami	hA	1½	yellow	5	Rapid growing handsome climber.
Clarkia puchella	hA	1	pink	5	Exceedingly handsome plants.
Clarkia mixed varieties	hA	1	various	5	The dwarf varieties are excel- lent for pot culture. The Glas- gow and New Empress Cox- combs are new and very fine.
*Clanthus Dampieri	gS	4	scarlet	15	One of the most effective plants in carpet bedding.
Cobaet scandens	hhP	20	purple	5	
Coxcomb dwarf, crimson	hhA	1	crimson	10	
Coxcomb Glasgow Prize	hhA	¾	purple	10	
Coxcomb New Empress	hhA	1	crimson	10	
Coxcomb New Japan	hhA	3	scarlet	10	
Coxcomb feathered, mixed	hhA	3	various	5	
Coleus from newest varieties	tP	2	var. col.	5	

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Collinsia bicolor	hA	1	pur. wh.	5	Attractive annuals; if sown in
Collinsia mixed varieties	hA	1	various	5	Fall will flower early in Spring.
Convolvulus major .....oz. 15c	hA	10	various	5	C Major (Morning Glory) is one
Convolvulus minor .....oz. 30c	hA	1	various	5	of the best known climbers.
Convolvulus Mauritanicus	hhP	spr.	lavendar	10	
Cowslip English	hP	$\frac{3}{4}$	mixed	5	Favorite Spring flower.
Cyclamen Persicum	hhP	$\frac{1}{2}$	mixed	10	
Cyclamen extra choice	hhP	$\frac{1}{2}$	mixed	25	Beautiful sweet scented green-
Cyclamen giganteum	hhP	$\frac{1}{2}$	mixed	25	house plants.
Cypress Vine Scarlet .....oz. 50c	tA	10	scarlet	5	
Cypress scarlet ivy leaved oz. 50c				10	
Cypress white .....oz. 50c	tA	10	white	5	Well known beautiful climbers.
Cypress mixed .....oz. 50c	tA	10	div.	5	
Dahlia finest double	hhA	6	various	5	
Dahlia Lilliputian varieties	hhA	4	various	25	Stately autumn flowering plants.
Dahlia single mixed	hhP	3	various	5	
Daisy double	hP	$\frac{1}{4}$	various	5	Finest mixed.
Datura chloranta, double	hhA	3	yellow	5	Very showy trumpet shaped
Datura meteloides	hhA	3	w. & b.	5	flowers.
Delphinium formosum	hP	2	blue	5	
Delphinium nudicaule	hP	1	scarlet	10	Splendid plants for large borders.
Devil-in-a-bush	hA	$\frac{1}{2}$	b. & w.	5	Curious and pretty.
*Dianthus Chenensis, double, oz. 75c	hP	1	mixed	5	Fine variety of China Pink;
*Dianthus Heddewigii	hP	1	mixed	10	should be in every garden.
*Dianthus diadematus, double	hP	1	mixed	10	
Dolichos lablab .....oz. 20c	tA	10	purple	5	Hyacinth Bean; free growing
Dolichos lablab albo		10	white	5	climber.
Erythrina crista galli	gS	4	scarlet	10	Coral plants with handsome spike
					of blossoms.
Epacris finest mixed	gS	2-3	scarlet	50	Fine greenhouse plants.
Erica finest mixed	gS	1-2	various	25	Cape Heaths.
Eryngium Leavenworth	hA	2	purple	5	Beautiful and curious plant.
Eschscholtzia California	hA	1	yellow	5	
Eschscholtzia Mandarinen	hA	1	crimson	10	Useful bright looking plants.
Everlasting flowers	hA	2	various	5	For Winter bouquets.
Ferns mixed varieties	gP	2-3	foliage	25	Beautiful foliage.
For-get-me-not	hP			5	See Myosotis.
Foxglove (Digitalis)	hP	3	various	5	Showy mixed varieties.
*Four-o'clock (Mirabilis) oz. 30c	hA	2	various	5	Well-known useful plants.
Fuchsia	gS	3-6	various	25	Beautiful greenhouse plants.
*Gaillardia mixed	hA	2	various	5	Beautiful for border or pots.
Geranium zonale, mixed	gP	$1\frac{1}{2}$	various	10	
Geranium Apple scented	gP	1	pink	25	Finest mixed varieties.
Geranium Pelargonium, mixed	gP	$1\frac{1}{2}$	various	50	
*Gesneria finest mixed	gP	1	various	25	Splendid hothouse plants.
Glacium corniculatum	hP	2	yellow	5	A fine ornamental plant.
Gloxinia finest mixed	hP	$\frac{1}{2}$	various	50	Charming house plant.
Godetia Whiteney	hA	$1\frac{1}{2}$	rose	5	Brilliant, profuse flowering hardy
Godetia Lady Albemarle	hA	$1\frac{1}{2}$	crimson	10	annuals.
Golden Feather					See Pyrethrum aureum.
Gourd Apple	tA	10	yellow	5	
Gourd Bottle	tA	10	yellow	5	
Gourd Dipper	tA	10	yellow	5	Mock orange; excellent rapid
Gourd Hercules Club	tA	10	yellow	5	growing climbers, with peculiar
Gourd Miniature	tA	10	yellow	5	and handsome fruits.
Gourd Sugar Trough	tA	10	yellow	5	
Gourd mixed	tA	10	yellow	5	
Helichrysum Bacteatum Immor-					
telle mixed	hA	2		5	For winter bouquets.
Heliotrope mixed varieties	gP	1	various	5	Well known, fragrant plants.
*Hollyhock double mixed oz. 50c...	hB	6		5	

NAME.	Hardness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Hollyhock finest mixed oz. 50c.....	hB	6		5	Sow in June or July for flower- ing the next Summer.
Hollyhock pure white	hB			10	
Ice Plant	hhA	spr.	white	5	Curious and pretty.
Ipomoea coccinea	hhA	10	scarlet	5	
Ipomoea Bona Nox		10	white	10	
Ipomoea variegata		10	marbled	5	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
Ipomoea leptophylla	hP	5	various	10	
Ipomoea Quamoclit	tA	10	purple	5	
Ipomoea Quamoclit alba	tA	10	scarlet	5	
Japanese Morning Glory	A	15	varieg'd	5	The popular Cypress Vine.
Lantana mixed varieties	gS	3	various	5	Good for pot or outdoor culture.
Larkspur Dwarf Rocket oz. 40c.....	hA	1	various	5	
Larkspur Branching	hA	2	various	5	Fine free flowering plant of va- rious beautiful colors.
Larkspur Emperor	hA	1½	various	10	
Leptosiphon roseus	hA	½	rose	5	Extremely pretty dwarf free flowering plants.
Leptosiphon densiflorus albus	hA	½	white	5	
Liatris pycnostachya	hP	4	pink	15	Kansas Gay Feather.
Linum grandiflorum; scarlet	hhA	3	scarlet	5	
Linum flavum	hP	1	yellow	5	Scarlet Flax, very brilliant.
Lobelia gracilis	tA	spr.	blue	10	A charming class of dwarf grow- ing plants for ribbon borders, hanging baskets, rock work, etc.
Lobelia Paxtoniana	tA	¾	b. & w.	10	
Lobelia speciosa	tA	½	blue	10	
Lobelia mixed varieties	tA	½		5	
Lophospermum scandens	tA	10	rose	10	Climber trumpet shaped flower, Showy border annual.
Love Lies-Bleeding	tA	10	crimson	5	
Lovein a Mist			blue	5	Curious and pretty.
Lupinus Cruikshanksii	hA	1	b. w. y	5	Among the handsomest easily grown garden annuals. To produce fine plants, start on heat, plant separately in pots and turn out into rich soil.
Lupinus hybridus insignas	hA	3	d. red	5	
Lupinus subcarnosus	hA	3	r. p. b.	5	
Lupinus polyphyllus	hA	1½	blue	5	
Lupinus mixed annual	hA	3	various	5	
Marigold African	hA	3	mixed	5	Fine class of plants for mixed beds or borders.
Marigold French Dwarf	hA	2	mixed	5	
*Marvel of Peru	hA	1	mixed	5	Four O'clock.
Maurandya alba	hA	2	mixed	10	
Maurandya Barclayana	gP	10	purple	10	One of the most interesting and useful of climbing plants.
Maurandya mixed	gP	10	various	10	
Mignonette l'ge flowered	gP	10	buff	5	
Mignonette pyramidal " oz. 40c.....	hA	1	buff	5	
Mignonette New Giant pyr'al oz. 50c.	hA	1½	buff	5	The new Giant Pyramidal Mile's Spiral. The Prize and new Dwarf compact are varieties of recent introduction producing splendid spikes of deliciously fragrant bloom.
Mignonette Miles' Spiral	hA	1	buff	10	
Mignonette The Price ..oz. 50c.....	hA	1	buff	10	
Mignonette New Dwarf Co'p't.....	hA	1	buff	10	
Mignonette Bird's I'p'rd. oz 50c.....	hA	1½	yellow	10	
Mignonette Golden Queen	hA	1	yellow	10	
Mimosa Pulica Sensitive plant.....	hA	20		5	
Moon Vine	hhP	1	white	5	The vines are covered with im- mense white flowers, 6 inches or more across.
*Mimulus hybridus	tA	½	various	5	
* " moschatus (Musk Plant)	hP	1	yellow	5	Musk Plant.
Myosotis palustris	hP	½	blue	5	M. moschatus is the well-known Forget-me-not. These beauti- ful little flowers succeed best in moist situations.
Myosotis palustris alba	hP	½	white	10	
Myosotis dissitiflora	hP	1	dk. blue	15	
Myosotis alpestris	hA	1	blue	5	
Nasturtium K'ng of Tom Thumbs	hA	1	scarlet	5	
Nasturtium Tom Thumb, yellow.....	hA	1	yellow	5	
Nasturtium Crystal Palace Gen.....	hA	1	sul. spt.	5	Plant of great beauty, blooming profusely in poor soil. The tall varieties are excellent climbers for covering old walls, trellises, etc.
Nasturtium King Theodore	hA	1	black	5	
Nasturtium Ruby King	hA	1	carmine	5	
Empress of India	hA	1	red	5	
Golden Dream	hA	1	yellow	5	
Spencer David Burpee	hA	1	purple	5	
Golden Rose Pink	hA	1	p. pink	5	

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Spotted King	hA	1	yellow	5	
Nasturtium Dwarf, mixed oz. 10c	hA	6	various	5	
Ivy Leaf Tall	hA	6	scarlet	5	
Queen Tall	hA	6	mixed	5	
Nasturtium Tall mixed ....oz. 10c	hA	6	various	5	
Nemophila insignis	hA	1	blue	5	Very pretty free blooming dwarf annuals.
Nemophila maculata	hA	1	spotted	5	
Nemophila mixed colors oz. 40c.....	hA	2	various	5	
Oenothera	hA	2	various	5	Evening Primrose.
*Pansy mixed colors ....oz. \$1.25	hA	1/2	various	5	
*Pansy finest mixed ....oz. \$2.50	hA	1/2	various	10	Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain.
*Pansy Elite Extra Large	hA	1/2	various	10	
*Pansy Emperor William	hA	1/2	blue	15	
*Pansy White	hPA	1/2	white	15	
*Pansy King of the Blacks	hhP	10	black	15	
Passiflora coerulea	hP	2	various	5	Handsome flower spikes.
Penstemon mixed varieties	hhA	2	blue	10	Bronze flower foliage.
Perilla Nankinensis	hhA	2	purple	5	Passion flower.
*Petunia fine mixed ....oz. 75c	hhA	2	various	5	
*Petunia finest striped & blotched	hhA	2	various	25	Beautiful bedding or pot plants producing a great variety of charming colors and continu- ing in bloom all Summer.
*Petunia double	hhA	2	various	25	
*Petunia new double tinged	hhA	2	various	50	
*Petunia Countess of Ellesmere...	hhA	2	pr. & w.	5	
*Petunia nyctaginiflora	hhA	2	white	5	
Phlox Drummondii alba	hhA	1	white	10	The P. Drummondii is one of our very best annuals, noted for richness of color, profuseness of blossom, and length of du- ration in bloom. No garden should be without a bed of it.
Phlox Drummondii coccinea	hhA	1	scarlet	10	
Phlox Drummondii atropurpurea	hhA	1	d. purple	5	
Phlox Drummondii Black Warrior	hhA	1	d. red	10	
Phlox Drummondii Leopoldi	hhA	1	d. red	10	
Phlox Drummondii grandiflora spi	hhP	1	w. er	10	
Phlox Drummondii mixed oz. 75c	hhP	2	se. & W.	5	
Picotee fine mixed	hhP	2	various	50	Rich and beautiful colors.
Picotee extra choice	hhP	2	various	50	
*Pink Chinese, double ....oz. 75c	hB	1 1/2	various	5	See Dianthus.
Polyanthus choice	hP		various	25	Lovely Spring flower.
Poppy finest mixed double	hA	1	various	5	Very beautiful hardy perennials.
Poppy Shirley	hA	1 1/2	tinted	5	
Portulaca Bedmanii	hA	1/2	white	10	
Portulaca Pheasantii	hhA	1/2	salmon	5	This popular annual is unrivaled for brilliancy of color, and is of the easiest culture; the double varieties are especially beautiful, resembling miniature roses in form.
Portulaca golden striped	hhA	1/2	striped	5	
Portulaca splendid	hhA	1/2	purple	5	
Portulaca alba	hhA	1/2	white	5	
Portulaca Thellusoni	hhA	1/2	scarlet	5	
Portulaca Thorburnii	hhA	1/2	yellow	5	
Portulaca mixed single ....oz. 50c.	hhA	1/2	various	5	
Portulaca double finest	hhA	1/2	various	5	
Primula Sinensis fringed, red	gP	1/2	red	25	Chinese Primrose; is an inval- uable and very beautiful class of Spring and Winter decora- tion of the greenhouse, conser- vatory or drawing room.
Primula Sinensis fringed, white...	gP	1/2	white	25	
Primula Sinensis fringed striped...	gP	1/2	striped	25	
Primula Sinensis fringed mixed	gP	1/2	various	5	
Primula Sinensis double white	gP	1/2	white	50	
Primula Sinensis double red	gP	1/2	red	50	
Primula Sinensis double mixed			mixed	50	
*Pyrethum careum	hA	1 1/2	flesh	10	The Insect powder Plant valuable as bedding plants.
*Pyrethum Golden Feather	hA	1/2	yellow	10	
*Pyrethum Golden Gem	hA	1/2	yellow	10	
Rocket Sweet white	hA	2	white	5	Free flowering fragrant perennials.
Rocket purple	hA	2	purple	5	
Rocket mixed	hA	2	mixed	5	
Ricinus Borboniensis arboreus...	hhA	15	violet	5	Stately plants, with large, hand- some foliage; fine in groups or as single specimens.
Ricinus Duchess of Edinburgh	hhA	8	violet	5	
Ricinus Gibsoni	hhA	5	red fol.	5	
Ricinus sanguineus	hhA	8	red fol.	5	
Ricinus mixed varieties, oz. 30c....	hhA		various	5	Very showy.
Salpiglossis mixed	hhA	1	various	5	

NAME.	Hardness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Salvia Splendens	hP	3	scarlet	5	Splendid free flowering ornamental plants.
Salvia Alba	hhP	3	white	25	
Salvia patens	hhP	3	blue	25	
Sanvitalia procumbens fl. pl	hA	spr.	yellow	5	Free blooming trailing plant.
Saponaria calabrica	hA	1	pink	5	Pretty, compact growing plant.
*Scabiosa dwarf double	hB	1½	various	5	Sweet Scabiosa, very pretty useful for bouquets.
Scabiosa candidissima	hB	2	white	5	Curious and interesting.
Sensitive Plant	tA	1	pink	5	Charming dwarf compact plant.
Silene pendula compacta	hA	½	pink	5	Charming greenhouse climber.
Smilxa (Myrasiphyllum)	gP	6	white	10	See Antirrhinum.
Snapdragon					Ornamental fruit bearing plants.
Solanum capsicastrum	tA	1	sc. fruit	5	charming as pot plants.
Solanum Weatherill's hybrids	tA	biv.	various	5	These much admired fragrant flowers are everywhere popular; their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time. For outdoor culture transplant when small; plant in rich soil, with mixture of lime and rubbish.
Stock German Ten Weeks mxd.	hhA	1	various	5	
Stock German large flowering	hhA	1	various	10	
Stock German dwarf pyramid	hA	1	various	15	
Stock German pure white	hhA	1	white	15	
Stock German blood red	hhA	1	b. red	15	
Stock German canary yellow	hhA	1	yellow	15	
Stock German Wallflower le'v'd	hhA	2	various	10	
Stock Intermediate white	hhB	2	white	10	
Stock Intermediate crimson	hhB	2	crimson	10	
Stock Brompton or winter	hhB	2	mixed	10	
Stock Emperor or Perpetual	hhP	2	mixed	10	
Sweet Pea Navy Blue	hA	5	pure bl.	5	
Sweet Pea Pink Friar	hA	5	pink	5	
Sweet Pea King Edward	hA	5	scarlet	5	
Sweet Pea Blanche Ferry	hA	5	p pink	5	A beautiful and highly popular class of hardy annual climbers deliciously fragrant.
Sweet Pea, Blanche Burpee	hA	5	lg. white	5	
Sweet Pea Dorothy Tennant	hA	5	monoe	5	
Sweet Pea Emily Eckford	hA	5	hel-trope	5	
Sweet Pea Gorgeous	hA	5	yellow	5	
Sweet Pea Her Majesty	hA	5	pink	5	
Sweet Pea Countess of Radour	hA	5	purple	5	
Sweet Pea Unwin Extra Leg	hB	1	mixed	5	
Sweet Pea Spencer	hA	1	mixed	5	
Sweet Pea Finest Mixed oz. 10c	hA	5	various	5	
Sweet Pea Dwarf Cupid oz. 10c	hA	½	various	5	
Sweet William auricula flowered	hB	1½	mixed	5	
Sweet William double mixed	hB	1	mixed	5	
Tagetes pumila	hA	1	yellow	10	
Thunbergia aiata	hhA	5	buff	10	Excellent for bedding.
Thunbergia alba	hhA	5	white	10	Slender, rapid growing climbers with very pretty flowers, which are freely produced.
Thunbergia Freyeri	hhA	5	orange	10	
Thunbergia mixed	hhA	5	various	10	
*Torenia Bailloni	tA	1	yellow	25	Charming pot plants for easy culture.
Torenia Fournieri	tA	1	blue	25	Red-hot Poker plant.
Tritoma Uvaria	hhP	4	red	10	
Tropaeolum Lobbianam ..oz 10c	hhA	6	various	10	Brilliant climbing plants for verandas, trellis, large vases, etc.
Tropaeolum Spitfire	hhA	6	scarlet	10	
Tropaeolum peregrinum can. b. fl	hhA	10	yellow	5	
*Verbena mammoth mixed	hhP	spr.	various	5	The Verbena is deservedly the universal favorite. The seed of the finest mixed is from the finest flowers in cultivation.
*Verbena finest mixed	hhP	spr.	various	5	
*Verbena scarlet	hhP	spr.	scarlet	10	
*Verbena white	hhP	spr.	white	10	Fine as pot plant in Winter, or for the border in Summer.
*Vinca alba	tP	2	white	10	
*Vinca rosea	tP	2	rose	10	
*Vinca alba oculata	tP	2	d. eye	10	Delightfully fragrant.
*Violet sweet scented	hP	½	blue	10	
*Violet The Czar	hP	½	blue	5	
Wallflower single	hhP	2	mixed	5	An old-fashioned fragrant.
Wallflower double	hhP	2	mixed	10	
*Whitlavia grandiflora	hA	1	purple	5	
*Whitlavia gloxinoides	hA	2	b. & w.	5	Pretty bell-shaped flowers.
Wild Cucumber	hA	20	white	5	A fast-growing ornamental vine
Wild Flower Garden				5	Brilliant flowers of many shades of colors.
Zinnia elegant double ..oz. 50c	hhA	5	mixed	5	
Zinnia haageana fl. pl	hhA	10	orange	10	

ROSEBUSHES, BULBS, ETC.

Hardy Roses. Two year old Holland grown, our own Importation. We carry the largest assortment of Rosebushes in the state. Both hardy and everblooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

American Beauty. Rich, rosy-erimson. Very large.

F. D. Druschki, White American Beauty. Very large, pure snow white.

Baroness Rothschild. Bright, rosy pink. Immense size.

Crimson Rambler. Immense cluster bright red flower—very quick grower and hardy.

Thalia, White Rambler. Same as Crimson, cut with pure white blooms, hardy.

Aglaya, Yellow Rambler. Yellow blooms in big clusters, hardy.

Euphrosine, Pink Rambler.

Gen'l Jack. Large, brilliant blood red blooms. Fine Bloomer.

Killarney Pink. Extra fine.

La France Pink. One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

La France Red. Large blooms of brilliant rose pink almost crimson.

Marechal Neil. Large, clear yellow. Ever bloomer.

Magna Charta. Rosy crimson. Large buds and blooms.

P. des Blanches.

U. Brunner. Cherry red.

Perle de Lyon. Deep golden. Ever bloomer.

Paul Neyron. Dark rose, very large and fragrant.

Violet Blue.

Persian Yellow.



Price, 15c each.

Tube Roses. One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be obtained all the year around. For greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May or as soon as the ground becomes warm. 1c and 2c each.

Gladiolus, Extra Fine Mixed. With a view to so supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c each; 25c dozen.

Dahlias. Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c each.

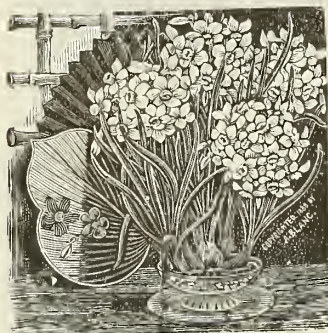
Caladium Esculentum. Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. 5c, 10c, 15c each.

Peonies. No other plant flowering at the same season can vie with the Peony for beauty. They are perfectly hardy, requiring no protection whatever; are not troubled with insects or disease, and once planted take care of themselves. Price, 15c each.





HYACINTHS.



NARCISSUS.

Tulips, Keyserkroon. Red and yellow.
 Tulips, Cottage Maid. Pink.
 Tulips, Pottelbakker. White and Red.
 Tulips, Darwin. Extra long.
 Tulips, Marillo. Pink, double.
 Tulips, Cottage Maid. Pink.
 Tulips, Murillo. Double Pink.
 Narcissus, Single. Mixed.
 Narcissus, Double. Mixed.
 Narcissus, Von Sion Double. Yellow.
 Narcissus. Paper white, single white.
 Narcissus, Trumpet Major, Single. Yellow.
 Crocus. Blues, striped, white and yellow.
 Lillies, Easter.
 Lillies, Calla.
 Lillies, Chinese.
 Snowdrops.
 Jonquiles.
 Freesia.
 Oxalis, etc.

BULBS—Continued.

Cannas. Extra strong roots
 5c each.
 Rhododendrons. Fine large
 plants. Holland Grown,
 \$1.00.
 Hydrangeas, fine quality.
 Holland Grown.
 Snow Ball.
 Magnolias.
 Box Wood Bushes.
 Comfers.
 Azaleas.
 Lilly of the Valley.
 Bleeding Hearts.

**Flowering Bulbs of
Autumn Planting**

Being pioneers in the
 Bulb line for over fifty
 years we are in a position
 to give you the best value
 for the least money. It is
 poor economy buying un-
 reliable Bulbs, for it's sim-
 ply love's labor lost. We
 want to gain your confi-
 dence, and if once gained,
 we assure you we will re-
 tain it and give you what
 you ask for without sub-
 stituting.

HYACINTHS

Hyacinths, Double. Light
 blue, white, dark blue and
 yellow.
 Hyacinths, Single. Blue
 pink, yellow, white.
 Hyacinths, Roman. Blue
 pink, white, etc.

TULIPS.

Tulips, Single. Mixed.
 Tulips, Double. Mixed
 Tulips, Single Chrysolora.
 Yellow.
 Tulips, Single Artus Red.
 Tulips, Single La Imman-
 uelae. White.



HYACINTHS.



TULIPS.



EASTER LILIES.

PRICES OF GARDEN ARCHES AND VERANDA TRELLISES

GARDEN ARCHES.

Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet	\$ 4 00
6 "	12 "	2½ "	4 50
8 "	18 "	4 "	8 00
8 "	36 "	4 "	12 00

VERANDA TRELLISES

Any size Arbor or Trellis made to order

Height	Width	Price each
5 feet	12 inches	1 50
6 "	12 "	2 50
8 "	18 "	3 50
10 "	18 "	5 00
12 "	18 "	5 00

Arches are crated knocked down for shipment

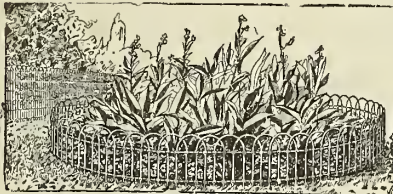
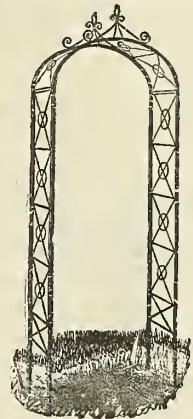
THE WHEELLOCK TRELLIS

13 inches wide	12 cents a foot
19 inches wide	13 cents a foot

TRELLIS



ARCH TRELLISES



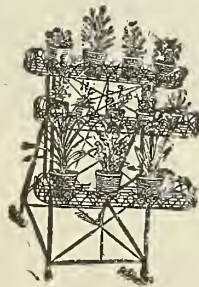
FLOWER BED GUARD

16 inches high	12 cents a foot
22 inches high	13 cents a foot

Green Dahlia Poles, 2 ft.	3 ft.	4 ft.	5 ft.	6 ft.
4c	5c	8c	10c	12c
Bamboo Dahlia Poles, 2c	3c	3c	4c	4c
20c doz	20c doz	25c doz	30c doz	35c doz.

WIRE AND WOOD FLOWER STANDS

1 Step Wire Flower Stand 24 in.	\$1 00
1 Step Wire Flower Stand 30 in.	1 75
2 Step Wire Flower Stand	2 50
3 Step Wire Flower Stand	3 50
4 Step Wire Flower Stand	4 50



TREE TUBS.

No. 1 Round	\$0 98
No. 2 Round	1 39
No. 3 Round	1 75
No. 4 Round	2 50

FLOWER POTS.

Finest quality machine made in sizes 2 inches to 14 inches.

Indurated Fiber Rolling Stands for large flower pots and tree tubs.

Scollay Rubber Sprinklers. .40c, 65c and 1.00. Flowers and Clothes Sprinkler 35 cents.

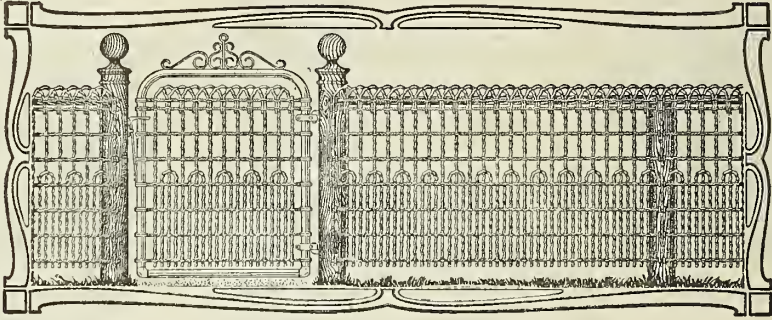
PAPER POTS

For ten years, florists, nurserymen and market gardeners have used the paper pot with satisfactory results. The paper pot has many advantages over the clay pot. It is far more economical from every point of view. There is never a loss on account of breakage. We make paper pots from a tough, lasting and thoroughly waterproof paper, which will stand exposure to the weather for a long time.



Price per Crate	Per 1000
2¼-inch pots	\$2.42
2½-inch pots	2.78
3-inch pots	3.82
3½-inch pots	5.24
4-inch pots	\$ 6.60

Ornamental Fences and Gates



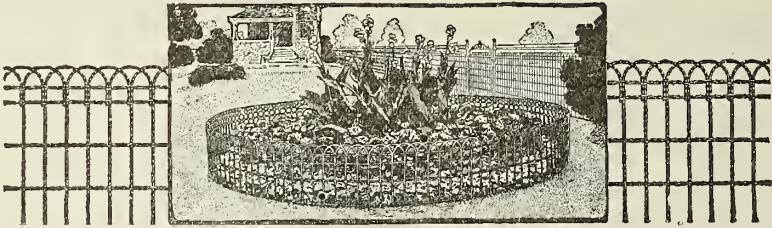
Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

Our fabrics are made by cabling horizontal wires and inserting, at regular spaces, heavy upright or picket-wires which are corrugated either at intervals or continuously to engage the cabled line-wires, reversing the twist of the cable on each picket—thereby causing the cables to become firmly seated in the corrugations of the uprights, thus forming an immovable joint, and providing for contraction and expansion. Will not unravel when cut.

PRICE LIST.

36 inches high	10c lineal foot.
42 inches high	12c lineal foot.

PERFECTION FLOWER-BED GUARD AND LAWN BORDER



A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. No posts are required to hold it in place, as the picket ends are left projecting for insertion in the ground. Uprights are of No 9 and cables of No. 13 heavily galvanized wire.

Made in two heights:

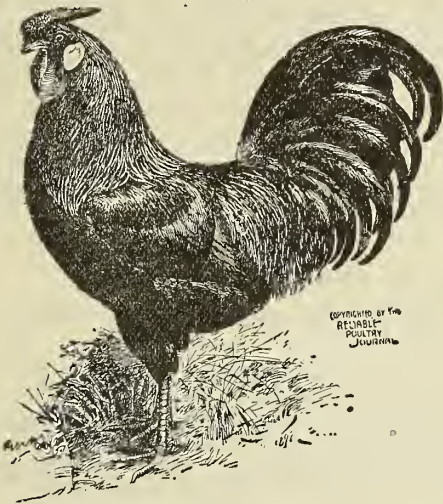
16 inches high, 6 cents per lineal foot; 22 inches high, 8 cents per lineal foot.

ORNAMENTAL WALK GATES

Cyclone Ornamental Gates are made to match any of our styles of fabric. Frames are of high grade steel tubing, with fittings of high-grade malleable iron and wrought steel. Same style as above we quote: 36 in. high, opening 36 in. \$2.49; 42 in. high, opening 36 in. \$2.75.

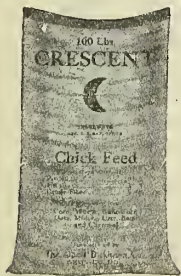
Poultry and Pigeon Supplies

FEEDS OF QUALITY



PRATTS BABY CHICK FOOD

This is one of the greatest Money Savers and greatest Chick Savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese should try at least one package of Pratts Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want real success with your hatches, if you want to save all the baby chicks, if you want them to grow fast—get Pratts Baby Chick Food on our recommendation for your first trial, after that you will never be without it. Put up in 1-lb., 10c; 3-lb., 25c; 6½-lb., 50c packages, also 14-lb., \$1.00 and 100-lb. bags, \$5.50.



"CRESCENT" Chick Feed for the Growth Stage.

A standard mixture of re-cleaned Cracked Grains, Seeds and Hulled Oats. The proportions are similar to the "Sun Brand," but a trifle coarser, especially to meet the requirements of the older chicks, although used by many from the beginning.

5 lbs. at 15c, 10 lbs. at 30c, 25 lbs. at 75c, 50 lbs. at \$1.38, 100 lbs. at \$2.50.

Always Ready No Waste No Dirt

Our trade-mark brands of Poultry, Chick and Pigeon Feeds represent strictly high-grade mixtures—manufactured from Sweet, Sound Cracked Grains and Seeds—scientifically proportioned and in sizes best adapted for Feeding, carefully sifted and re-cleaned. No pains are spared to produce Feeds of the greatest value—best quality and uniform grade—the standard of which is maintained at all times.

Notice—Prices affixed to the different varieties appended are subject to change without notice.

DEVELOPING FOOD.

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

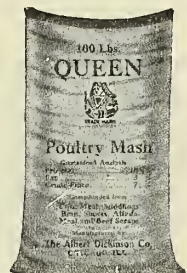
5 lb. Bag at 20c, 10 lb. Bag at 35c, 25 lb. Bag at 75c, 50 lb. Bag at \$1.38, 100 lb. Bag at \$2.50.

"QUEEN" Poultry Mash a Poultry Food

Contains Alfalfa Meal

Proportions changed to meet Requirements of Different seasons, also beef scraps and oil cake. A selected mixture of Ground feeds, manufactured from the choicest sound, sweet and wholesome Grain. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl, a health food, a molting food and an egg producer.

5 lbs. at 20c, 10 lbs. at 35c, 25 lbs. at 75c, 50 lbs. at \$1.25, 100 lbs. at \$2.25.



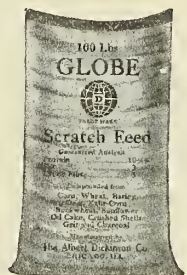
SCRATCH FOOD

For Grown Fowls.

Suitable at all Seasons.

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean up.

5 lbs. 15c, 10 lbs. 30c, 25 lbs. 65c, 50 lbs. \$1.25, 100 lbs. \$2.20.



BEEF SCRAP.

Standard Meat Food for Poultry of all Ages.

High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

5 lbs. 25c, 10 lbs. 40c, 25 lbs. \$1.00, 50 lbs. \$1.90, 100 lbs. \$3.50.

LAYING FOOD.**Egg Mash.**

Invaluable as a Supplementary Feed for Winter Laying—15 per cent Meat Scraps and Oil Meal—16 to 18 per cent Protein. Can be "Dry" hopper fed or moistened.

5 lb. Bag at 20c, 10 lb. Bag at 35c, 25 lb. Bag at 75c, 50 lb. Bag at \$1.38, 100 lb. Bag at \$2.50.

SPRATT'S CHICK GRAIN.

A specially prepared and highly nutritious food for young chicks. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 85c; 100 lbs. \$4.50.

MUZZY "PIGEON FEED" A SQUAB DEVELOPER

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

5 lbs. 20c; 10 lbs. 35c, 25 lbs. 75c, 50 lbs. \$1.38, 100 lbs. \$2.50.

CHARCOAL

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

No. 2. Fine, for use on mash mixtures.

No. 1 Medium, for small chicks

No. 0 Coarse, for fowls.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 65c.
50 lb. \$1.00; 100 lbs. \$1.90.

GROUND BONE, Fine and Granulated.

Ground Bone is made from the Dry Bone, and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

5 lbs. 25c. 10 lbs. 40c. 25 lbs. 94c.
50 lbs. \$1.75 100 lbs. \$3.00.

CUT ALFALFA CLOVER.

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Mealed Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 60c.
50 lbs. 90c. 100 lbs. \$1.75

CUT RED CLOVER

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

5 lbs., 15c. 10 lbs. 30c. 25 lbs. 75c.
50 lbs. \$1.25. 100 lbs. \$2.25.

CRUSHED OYSTER SHELLS.

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb. 1c, 5 lbs. 5c, 25 lbs. 25c. 100 lbs. 60c.

CRYSTAL GRIT.

We supply 4 sizes of Grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c, 5 lbs. 10c, 25 lbs. 35c, 100 lbs. 60c.

FOUST'S HEALTH GRIT.

1 lb. 5c, 5 lbs. 15c, 10 lbs. 30c, 25 lbs. 75c, 100 lbs. \$2.00.

SEEDS AND GRAINS.

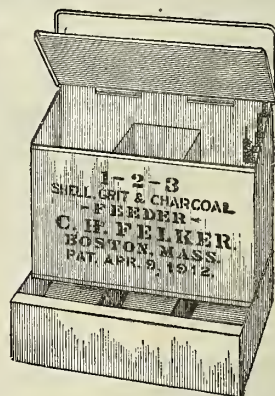
We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kaffir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

GRIT AND SHELL BOX.

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

Sanitary Dry Feed Box, 75c.

**1-2-3 POULTRY FEEDER.**

For feeding Dry Mash, Scraps, Grit, Oyster Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. When used for one kind of feed take out the separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells, and grit, put separator in the middle and you have three separate compartments. Price, 75c.

Caponizing Requisites

GAPE WORM EXTRACTOR.

The use of this instrument is so simple that a few moment's practice will give almost all information needed. The wires being flexible, may be made smaller or larger by bending to suit any age fowl.

Full directions with each instrument.

Price, 25 cents.

PILLING FRENCH POULTRY KILLING KNIFE.

Every Poultry raiser should have one of our killing knives. They are made of a finely tempered instrument steel, with nickeled handle; will last a life time. Sent postpaid on receipt of 50 cents. Don't wait! Send for it now.

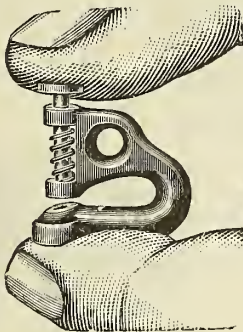
RELIABLE SPRING LEVER POULTRY PUNCH.



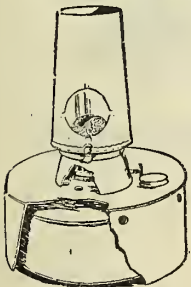
If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker, or easier way than by using our latest invention.

Price, 25 cents.

PHILADELPHIA Chick Marker Price 25 Cents



INCUBATOR AND BROODER LAMPS



ZERO LAMP.

With seamless founts drawn in one piece and galvanized after drawing. 7-inch by 2 3-4, No. 2 burner and chimney, 75c. 7-inch by 2 3-4, No. 3 burner and chimney, 98c.

Zero Incubator and Brooder Lamp, \$1.00 each.

PILLING CAPONIZING SETS.



The Farmer Mi	Caponizing Set	\$6.00
The Farmer's	Caponizing Set	3.00
The Philadelphia	Caponizing Set	2.75
The Plain	Caponizing Set	1.50

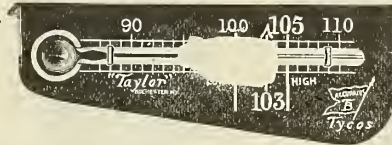
Full instruction for use with each set.

HIGH GRADE TESTED THERMOMETERS.

The best incubator or brooder manufactured, is worth- less unless the thermometer used there- in is accu- rate. Hun- dreds of hatches in incubators fail because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worth- less thermometers.

The thermometers here listed are thoroughly tested before they are shipped.

Incubator Thermometer, each 50 cts.



Brooder Thermometers, each 35 cents.

INCUBATOR HYGROMETER

These Hygrometers should be used by every one who runs an incubator. They regulate the moisture as accurately as the heat which over- comes the trouble so many people have of chicks "dead in the shell."

Price, each, \$1.25.

WATER-GLASS.

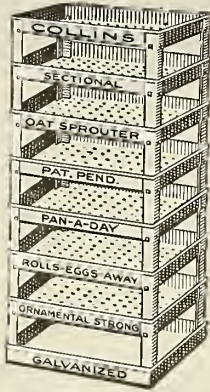
For Preserving Eggs.

5 lb. can.....	50c
11 lb. can (1 gallon).....	75c

The Collins Sprouter

The Most Practical, Quickest Growing
Perpetual, Sectional, Fireless

OAT SPROUTER



8 Pans 11x15 inches.

All Metal, Heavily Galvanized. Packed in
Corrugated Box 11½x15½ inches.

PRICE \$3.00.

THE 6 IN 1 EXERCISER AND FEEDER



Is just what its name implies. It is a large, rust-proof, galvanized, steel hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center hopper holds all the food necessary for poultry. The center hopper holds the mixed grain food. Surrounding this center hopper are six compartments made to contain dry mash, beef scrap, grit, charcoal, oyster shells, etc. easily accessible to the fowls, and the feeder is so constructed that no food is wasted. The cover is conical in shape, preventing roosting upon it.

Price, 30 qt. \$3.75; 40 qt. \$4.75.

This Automatic Poultry Feeder

WILL MAKE YOUR HENS LAY BETTER

The Norwich Automatic Feeder is used exclusively in the North American Laying Competitions, where all official records for high production and low mortality have been broken. The machines save half the labor of feeding, reduce grain bills, keep the fowls healthy and make them lay. You can get the same results by adopting this modern method of feeding. The new

APACO POULTRY FEEDER

is low price, being especially designed to meet the needs of owners of small flocks. It is carefully constructed and has the all-important adjustable valve for regulating the strain flow and the positive rotary feeder rod, special features which can be secured from no other manufacturers.

Test this time-saving, results-bringing plan of feeding right now. Secure one or more Apaco Feeders and put your birds to work. They will quickly begin to pay dividends.

Guaranteed Satisfactory or Money Refunded.

Our complete catalog of money-making poultry equipment mailed free on request. It contains much valuable information which you should have.



12-Quart Size, \$1.00,
Delivered.



SANITARY GALVANIZED IRON DRINKING FOUNTAINS

1 qt Chick Fountain 25c.
1 gal. 50c. 2 gal. 85c.



CONE TOP GALVANIZED IRON FOUNTAINS

Small\$0.20
Medium25
Large35

LATHROP CHICK SERVER

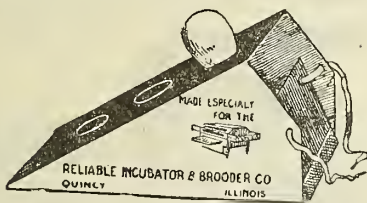


This is a very practical device for serving water, grain or grit to chicks. The chicks cannot get into it and drown. It has no seams, is all smooth and easy to clean. No exposed edges to rust. Price 25c.

THE PEERLESS BROODER FOUNTAIN

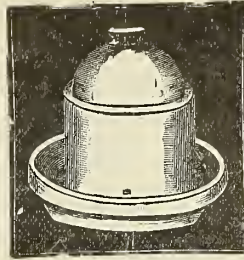
The Ideal Fount for little chickens

Price 35c each, \$3.50 per dozen
592 size 75c. 10 size \$1.00
Heater attachment 5qt. size \$1.00



GEM FOLDING EGG TESTER

A tester consisting of pasteboard and a strip of mirror. The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price, 50 cents.



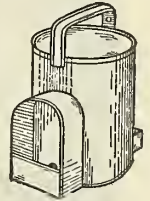
EARTHENWARE FOUNTAIN

This fountain is the only kind made in this form—2 sections—in earthenware. They can be easily cleaned; and if frozen, can be refilled without trouble. They keep the water always fresh and cool.

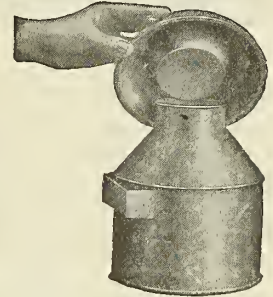
Each, 1 quart 20c., 1/2 gallon 25c., 1 gallon 30c.
2 gallon 35c.

WALL FOUNTAIN.

1 qt. 35c
2 qt. 40c.
4 qt. 50c.
8 qt. 65c.

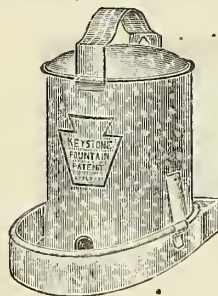


SEXTON UP-TO-DATE FOUNTAIN



Six quarts, price 50c each.

KEYSTONE FOUNTAINS

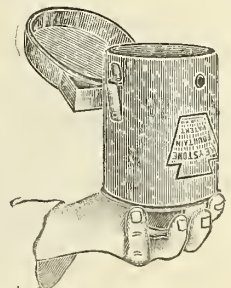


Practical
Convenient
Easy to fill
Not Injured by Freezing

Large comb fowls can drink readily from this fountain.

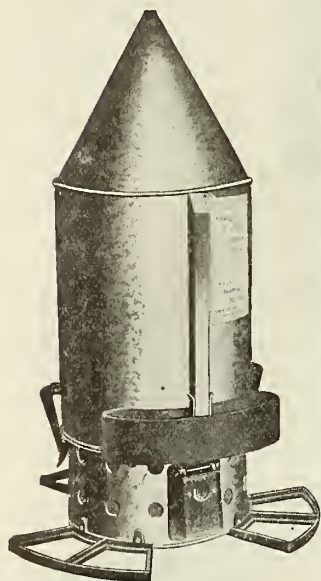
Price

1 qt. 30c.
4 qt. 50c.



THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

SANITARY NON-FREEZING

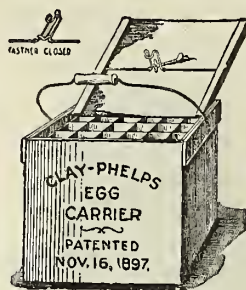


How to supply water to the poultry house during the winter months has been one of the problems which has confronted the poultrymen for years, for there is nothing more discouraging than to fill the drinking vessels, with all the accompanying discomforts of carrying water in cold weather, and then have the fountains freeze almost before we finish the task, and it has been the experience of many poultrymen that their birds have been without water for most of the day in consequence

One filling of the oil tank will keep the apparatus burning day and night for two weeks, and it is but necessary to trim the wick occasionally, for the blaze is so small the wick crusting is a very slight matter. To accomplish the cleaning of the wick, the base is fitted with a slide, through which it may be attended without removing the reservoir, while the regulation for a high or low flame is accomplished from the outside of the burner by means of the wheel, as shown.

Made in one size only—5 gallons capacity.
Price—Complete with Burner Base\$3.00
Without Burner Base 2.00

RELIABLE EGG CARRIER



Is made with an adjustable cover and a patent combination lifter and fastener, which is far superior to other similar devices now on the market. There is no more durable or better carrier made. A necessity to all poultrymen. Prices are as follows:

9 doz. size, each...65c
12 doz. size, each...75c

THE EUREKA EGG CASE

Herewith is illustrated the Eureka Egg Case, which is the most durable of any egg case in the market. It has five strong points namely:

1st—It is strongly constructed.

2nd—It has Patent Handles.

3rd—It has little Daisy Hinges, allowing the cover to fall close to the back.

4th—It has Snap Fasteners.

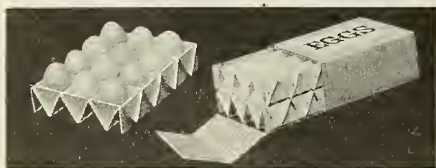
5th—Its Fillers are first-class and have no equal.

If you are shipping eggs it costs less in the end than any other

Size	Case with Fillers	Size	Case with Fillers
9 dozen	.....\$1.00	15 dozen	.....\$1.25
12 dozen	..... 1.10	30 dozen	..... 1.50

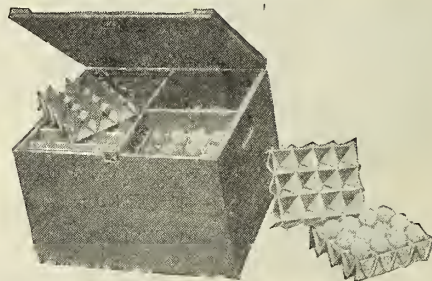
"SURETY CUSHION" WOODEN EGG BOXES AND CRATES

The Last Word In Returnable Egg Boxes



This is just the egg carrier that you have long sought. It is the realization of the poultry man's dream of the parcel post. The "Surety Cushion" Egg Box is simple, safe and strong, and cheap enough to be practicable for daily use.

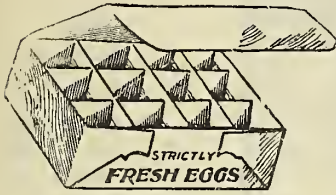
Price, 1 dozen, Egg size 75c, Doz.; 2 doz. egg size, \$1.25, Doz.; 15 egg size, \$1.00 doz. (hatching).



Easier and quicker to pack than crates equipped with ordinary fillers. Will pay for themselves in two or three shipments by the saving in breakage.

Prices are as follows:

Size	Price	Average Weight
6 Dozen Eggs	\$1.10	9 Lbs.
9 Dozen Eggs	\$1.35	12 Lbs.
12 Dozen Eggs	\$1.60	16 Lbs.
15 Dozen Eggs	\$1.75	18 Lbs.

PAPER EGG BOXES

Just the thing for your family egg trade, they ship knocked down can easily be set up.
Extra heavy, 1 doz. size 15c. dozen.

90c. for 100. In 1000 lots \$6.50. Regular 1 doz. size 10c per dozen, 80c per 100 and \$6.00 per 1000.

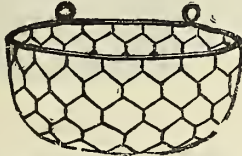
We carry a good wood box of good pine stock and Egg Spring Holder. Best thing made for shipping. Also new Egg containers for Parcel Post shipments. Write for prices.

METALLIC EGG TESTER.

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately, 25c.

WIRE CHICKEN NESTS

These nests are strongly made from heavy Japanned Steel Wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.



Price each, 15c per dozen \$1.50

PIGEON NESTS

Should be used by every pigeon fancier. Made of clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price 10c each. \$1.00 per dozen.

INDURATED FIBRE

Fills a long felt want for all squab breeders. Wood gets filthy and vermin laden in a very short time.

Iron or earthenware is cold and bad for the birds.

15c each.

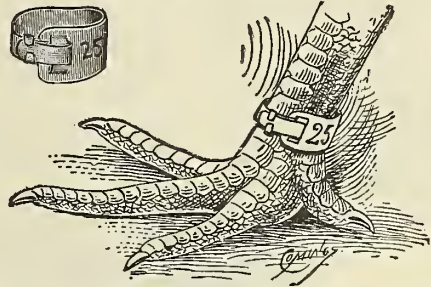
FEED AND DRINKING CUPS.

Galvanized. Especially Suitable for Exhibition Coops.

No. 0, 4 3/8x3 1/8x2 1/4 inches, price, each, \$0.15. No. 1, 5 1/8x3 1/2x2 1/2 inches, price, each \$0.20.

IMPROVED CHAMPION LEG BANDS ALUMINUM.

Raised Numbers



This is a well known band, is one of the best on the market; is light and strong, being held by a double lock, is impossible to come off.

10c doz.; 25 for 20c; 50 for 30c; 100 for 50c.

SUPERIOR LEG BANDS.

Made from spring wire aluminum tag. Price 15c per dozen; 60c per 100.



Bands for Marking Pigeons.

PERFECTO LEG BANDS.

Celluloid.

Red, Green,

Black, Pink,

Yellow, Lt. Blue,

Amber and Ruby



Mark each hen for her pen, so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Price, Nos. 1, 2, 3, 15c doz., 30c for 25, 50c for 50, 75c per 100.

Pigeon and Chick, 10c doz., 20c for 25, 35c for 50, 50c for 1.00.

ADJUSTABLE CLINCH POULTRY BANDS.

Made of Aluminum.



Prices: 12 bands, 15c, 25 bands, 20c, 50 bands, 35c, 75 bands, 50c, 100 bands, 65c.



MOE'S SELF LOCKING LEG BAND

MOE'S SELF LOCKING
BAND READY TO BE
USED



Patented

You simply push it together to lock it and it can only be removed by destroying the band.

The simplest and most durable metal leg band on the market. Every band is its own number. Manu-

EASILY ADJUSTED WITH THE
FINGERS AND IT IS THEN ON TO
STAY

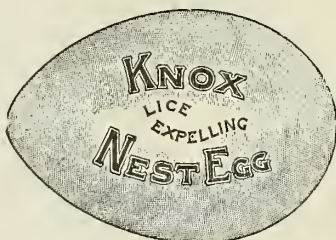


Prices

any size

12 bands ..15c
25 bands ..20c
50 bands ..35c
100 bands .65c

factured in sizes for Mediterranean, American and Asiatic Birds, also Turkeys.



NEST EGGS

ANTISEPTIC NEST EGGS.

Kills Lice and Mites in Nests and on Fowl's body where they congregate and worry the layers. No trouble to use. Simply put them in the nest.

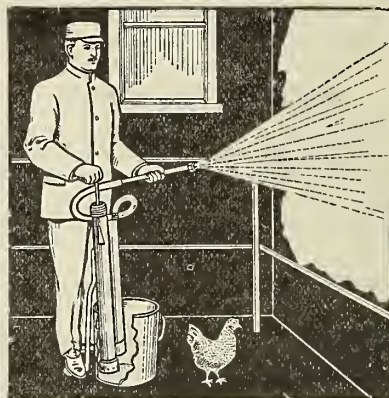
5c each, 6 for 25c.

Lime Nest Eggs, 3c each, 25c a dozen.
No-Odor.—One of the best nest eggs to use.

PORCELAIN NEST EGGS.

These eggs are made of first class flint and do not break and will last indefinitely.

Price 2c. each, 3 for 5c. Doz. 18c.



WHITEWASH SPRAYER

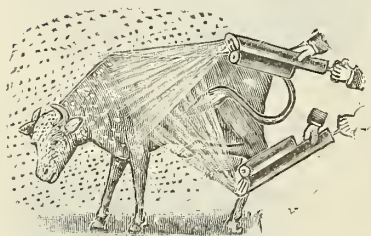
This is the only spray pump that properly sprays whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves. Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward stroke.

Galvanized Iron, \$2.25,

Brass. \$2.75.

STANDARD FLY AND GERM KILLER

Protects Horses and Cattle from the Torture of Flies.



FLY KILLER OIL

75c a gallon

Standard Fly and Germ Killer is a liquid preparation to be sprayed on cows, horses, hogs, sheep and poultry. It is a disinfectant and germicide.

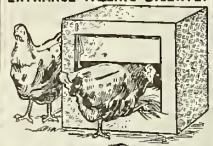
There is nothing that worries a cow, and retards the flow of milk so much as to be pestered and tortured with whole swarms of flies on hot summer days, and especially so at milking time. There is nothing quite so trying as to milk a cow when bothered with flies. Between kicking, switching her tail and throwing her head—it is, to say the least, an annoying and difficult task.

It is a well known and generally recognized fact that cows protected from flies give more milk and require less feed to keep up milk and fat. Many diseases among cows no doubt are caused by fly bites, and germs carried by them.

To the dairyman, Standard Fly and Germ Killer means a greater flow of milk, less sickness among cattle and greater comfort to both man and beast.

MOE'S NEVER FAIL TRAP NEST

DELICATE TRIGGER HOLDING
TRAP RELEASED BY HENS
ENTRANCE FALLING SILENTLY



A SOLUTION OF ALL TRAP NEST TROUBLES

For as the Name Implies,
It Never Fails

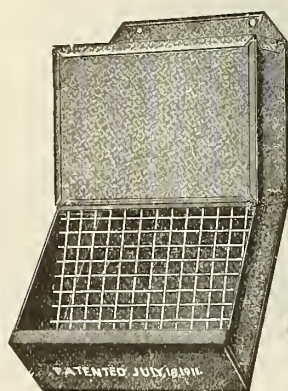
These traps are lice-proof.
But one bird can enter at a
time. Fully sealed back and
sides but when the hen is
trapped she gets plenty of

TRIGGER LOCKS TRAP AND
HEN THEN THERE TO STAY
UNTIL RELEASED



air from above and beneath the trap which is essential in warm weather. Can be placed anywhere in the poultry house or in tiers one on top of another or side by side as desired. The trap is easily removed so that the nest can be used as an ordinary nest. Manufactured of heavy galvanized iron in two sizes.

No. 33—About 1-foot square, complete...75 cts. No. 34—12x12x14½, for extra large birds..\$1.00



OPEN

Easy to Fill
Rat Proof



CLOSED

No Waste
Dust Proof

SEXTON'S DRY FEED HOPPER

(Patent Pending)

Pronounced to be the best Hopper offered.
Simple in construction, easily operated and absolutely "Rat and Mouse Proof."

No. 1, Poultry SizeEach \$1.00

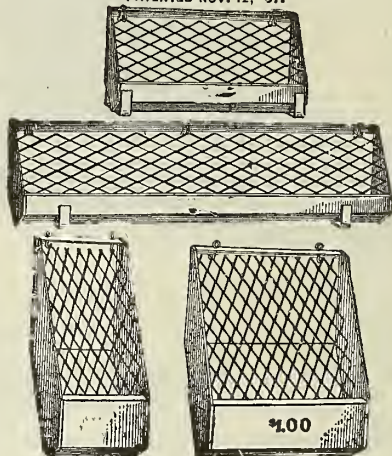
No. 2, Chicken SizeEach 0.90

Special Size to Order

Rubber Bucket Pumps and Extra Fittings

"THE BOSTON" POULTRY DRY FEED HOPPER CO. BOSTON MASS. U.S.A.

PATENTED NOV. 12, '07.



90c

\$1.25

80c

These Hoppers are absolutely automatic and positive in their action. They cannot clog—they do not waste. They are made of galvanized iron with swinging grind (mesh) and hold ½ peck to ½ bushel respectively, and will last a lifetime. Feed is always accessible and in sight, they save labor and money.

MOE'S ROUND BABY CHICK FEEDER

SLIDING COVER
MAKES FILLING
EASY



A great feed saver, as the
little chicks cannot get into it
and contaminate the feed. Can
also be used for water.

No. 11—Small size.....\$.15

No. 12—Large size..... .25

WHEN FILLED AFFORDS
PROTECTED FEEDING ACCOM-
MODATIONS FOR A NUMBER
OF CHICKS



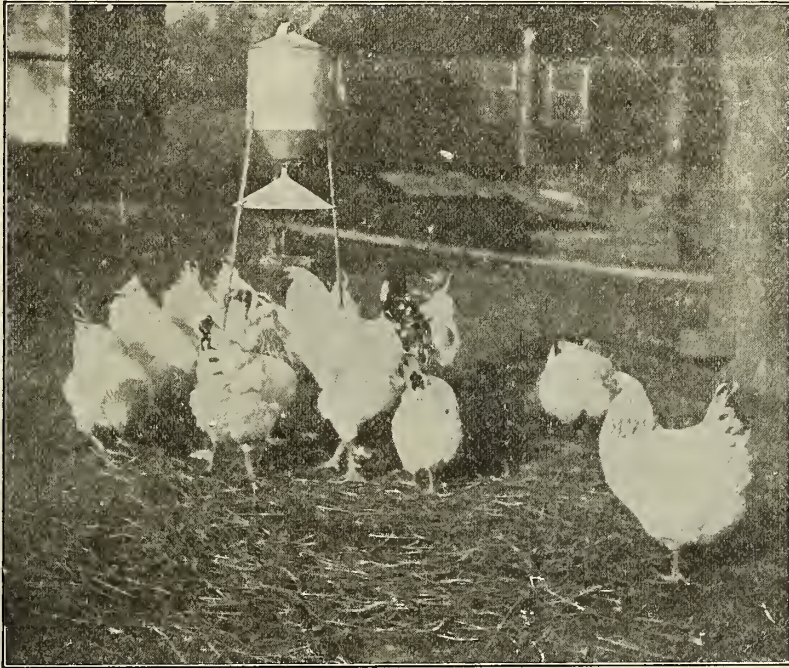
SOLE AGENTS

NORWICH AUTOMATIC FEEDERS

One of the very best Automatic Feeders on the market. Every one guaranteed

PRICE

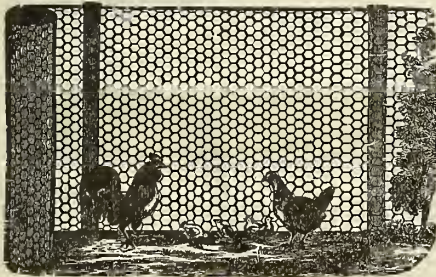
No. 1, 8qt \$2.50 No. 2, 14qt \$3.25 No. 3, 20 qt \$4.10 No. 4, 32qt \$5.00



POULTRY NETTING

Our Poultry Netting is woven from the best quality of steel wire of full standard gauge. It is heavily galvanized after weaving, thus insuring the greatest durability.

Galvanized Wire Netting



Wire 2 inch Mesh, 1 ft., 2 ft., 2½ ft., 3 ft., 4 ft., 5 ft., 6 ft. No. 20 Wire 1 inch Mesh, 1 ft., 2 ft., 2½ ft., 2 ft., 4 ft., 5 ft. and 6 ft.

Market Prices.

The One Perfect

KO-ZE

Heated Fireless Brooder

Uses No Lamps.

No Danger of Fire.

Capacity 50 Chicks.

Built of HEAVY GALVANIZED IRON, with Sanitary, Vermin-proof Lining and a FELT "MOTHER" which is free from threads, that constantly come from flannel and strangle and lame so many chicks.

It is adjustable.

Price \$3.00.

AQUAROID ROOFING

QUALITY CERTIFIED

DURABILITY GUARANTEED

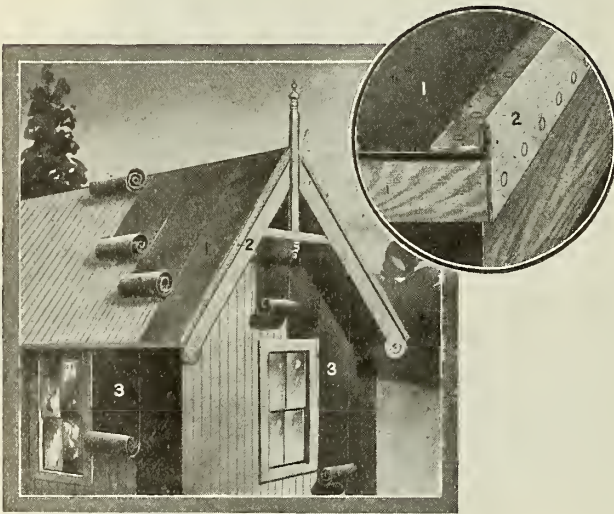
GUARANTEED

1 Ply 5 Years

2 Ply 10 Years

3 Ply 15 Years

We are authorized by the Manufacturers to furnish the manufacturers written guarantee for the period above mentioned.



This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights:

1 Ply 35 lb.	\$1.40 per roll
2 Ply 45 lb.	1.75 per roll
3 Ply 50 lb.	2.25 per roll

TAR ROOFING PAPER.

This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

1 ply roll 2¼c lb. 2 ply roll 70c. 3 ply roll 90c. Nails and tins for above. Special price in large quantities.

MANN'S PAT BONE CUTTERS

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machines on the market today for cutting green bones.

No. 5 B \$8.00	No. 5 BM with legs \$10.50
No. 7 with legs \$12.00	No. 9 \$17.00

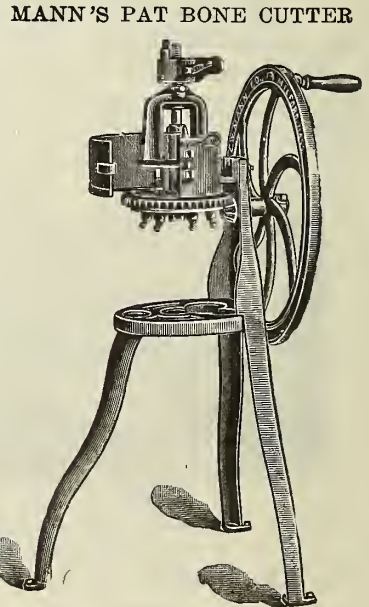
NO. 32 HAND MILLS



In these mills are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16 inch fly-wheel and is light running.

The capacity of this mill is not equalled by any other of the same size. Shipping weight 40 pounds. Capacity 1 or 2 bushels per hour.

Price \$4.48



PRATTS POULTRY REMEDIES

PRATTS POULTRY REGULATOR

This is the original poultry Regulator of America, in use by the most successful poultry raisers everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year.



It is a perfect digestive and tonic and will prevent chicken cholera, gaps, roup, rheumatism, expel worms, prevent leg weakness, egg eating. It also greatly improves turkeys, geese, ducks, pigeons and guineas—insuring quick, healthy growth.

25c, 50c, \$1.00, \$1.25 and \$2.50.

Pratts Poultry Disinfectant and Lice Killer

If poultry keepers would regularly spray the chicken houses, roosts, dropping boards and utensils with Pratts Poultry Disinfectant, most all their troubles would vanish. This great Disinfectant is a real wonder-worker in the poultry yard. Put up in 1-qt., 35c. and 1-gallon cans, \$1.00.



PRATTS ROUP REMEDY

Pills or Powder

is a scientific preparation GUARANTEED to prevent and cure roup, colds, canker, catarrh and diphtheria.

In severe cases individual treatment with the PILLS is the only sure method. For mild cases and as a preventive, crush the pills or use the powdered form, and mix in the drinking water. Sold in 25c, 50c. and \$1.00 boxes.



PRATTS LICE KILLER

(Powdered Form)

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens, and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deoderizer and disinfectant, for all poultry houses, barns, stables, and dwellings. Drives out moths from closets furniture, carpets and clothing, 10c., 25c. and 50c.



PRATTS SORE HEAD (Chicken Pox) REMEDY

25c Box

PRATTS BRONCHITIS REMEDY

for Bronchitis, Colds, etc., 25c

PRATTS CONDITION TABLETS

A "bracer" for over-worked, run-down poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles.

We guarantee this Remedy to satisfy you or refund purchase price. 25c and 50c a box.



PRATTS SCALY LEG REMEDY

You can quickly root out the little insect which digs the scales of the feet and legs of your chickens by the use of Pratts Scaly Leg Remedy. This disease not only impairs the vitality of your birds, but also ruins their appearance. Our remedy will keep the legs clean and healthy. 25c and 50c a box.



FEED OCULUM

Get Eggs, Eggs.

Only ONE drop a day to EACH hen in the feed, with a balanced ration that's all.

Oculum Has Satisfied Uncle Sam

Oculum users will be pleased to know that the United States Government, after experimenting with Oculum for one year to satisfy itself of the truthfulness of Oculum's claims, sustained every claim.

Use Oculum in the feed and make your hens lay much and pay big.

Price, Trial Size, 10c

Large Bottle, 50c

ROUPENE WHITINGS RELIABLE ROUP REMEDY.

"ROUPENE" will be found an infallible preventative and sure cure for Roup, Canker, Diphtheria, Chick-pox or Sorehead, Gapes, and all diseases of the respiratory organs in every species of fowl and pigeon; also will positively cure the sniffles in dogs and rabbits. Price 25c and 50c.

CONKEY'S ROUP CURE

Conkey's Roup Cure is guaranteed by its manufacturers to cure Roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds, and is unequalled for canker, especially in pigeons. Small package 25c. medium package, 50c large sie package \$1.00 postpaid.

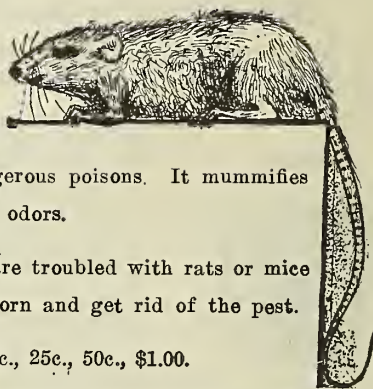
TO SAVE YOUR LITTLE CHICKS USE

Whittings' White Diarrhoea Remedy

It will prevent and cure White Diarrhoea and Cholera. We do not claim to make strong chicks out of all weaklings, but we do claim to prevent and cure White Diarrhoea, and, by the use of our remedies, to increase the vitality, thereby giving the little chicks the best possible chance in their battle for life, and restore to health and vigor a very large percentage of the weaker ones, that without our remedy would surely die. Price 50c.

ROSE NICOTINE

Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms, ants, also any house bugs or vermin. 15c. per pound.

RAT CORN

Rust's Egg Record, lasting one year, and excellent Poultry Booklet, FREE

GET PLENTY OF EGGS

Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding

RUST'S EGG PRODUCER
20 YEARS' SUCCESS

Prices—1 lb. 25c.; 2 1/2 lb. 50c.; 6 lb. \$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER

SMITH'S HEAD LICE OINTMENT

for
Young
Chicks



RUSTS'S

LICE POWDER

10c., 25c., 50c., 1.00

No dangerous poisons. It mummifies them. No odors.

If you are troubled with rats or mice use Rat Corn and get rid of the pest.

Price 15c., 25c., 50c., \$1.00.

**Disinfectant
LICE KILLER**

GERMICIDE

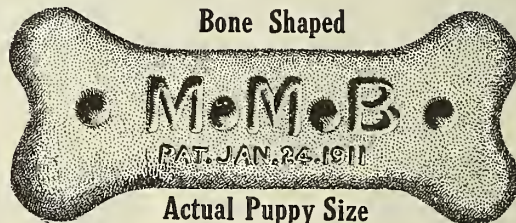
**ZENOLEUM DISINFECTANT
ANIMAL DIP.**

Eight ounce can 25c.,
Gallon can \$1.50

Quart can 50c.
Five gallon can \$6.25

DOG CAKES

Bone Shaped



Actual Puppy Size

Maltoid Milk Bone is a complete food in itself and is the only Perfect Food for all breeds, the quality of which is recognized by all Dogs through their keen sense of smell to the degree that they will leave any other Dog biscuits placed side by side. We stake our reputation with you on this.

The Bone Shape is tremendously attractive to the Dogs. They will handle it exactly as a Bone, holding it between their paws, and they will gnaw at it, thus benefiting the teeth and gums, increasing the flow of saliva and aiding digestion. For these reasons it should be fed dry and unbroken.

Price, Dog Biscuits, 10c pkg.

Puppy Biscuits, 10c pkg.

Discount in large lots

SPRATT'S DOG AND PUPPY CAKES.

Dog Cakes, 9 cents lb.

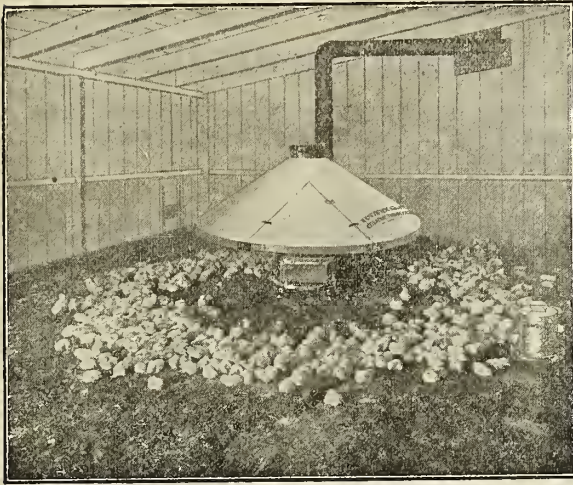
Puppy cakes, 10 cents lb.

NEWTOWN COLONY BROODER

Coal Burning—Self Feeding—Self Regulating—Simplest—Safest—Most Economical.

The Newtown is the original Coal-burning, Self-feeding, Self-regulating Colony Brooder. It is past the experimental stage—having been thoroughly tested and is endorsed by thousands of poultry raisers as being efficient and economical in operation, and a time-, labor-, fuel- and chick saver.

The Newtown Colony Brooder has revolutionized the brooding of chicks. Thousands are now in successful use in all parts of the world and the Newtown is acknowledged the Brooder that has turned the discouragement of the poultry-raiser into enthusiasm, because with it he can now raise many more and better chicks with little labor—less trouble—and least expense. Ask for circular.



Price	Premier	200 chicks	\$15.00
	No. 10 for up to	300 chicks	\$20.00
	No. 11 for up to	500 chicks	\$25.00
	No. 12 for up to	1500 chicks	\$35.00

Compact—shipped knocked down

ANDREWS' EFFICIENCY KOOP



If these coops didn't have another thing to recommend them but the price, you ought to buy them. They're cheaper than the heavy, clumsy wooden crates you have to hammer and nail together—saving number one. They're lighter also—cost less for expressage—saving number two. They come knocked down—can be put up in a jiffy—no hammer or nails needed. Steel rods hold top and bottom—can be used over and over again—saving number three. Because you can use an ordinary crate but once or twice—you knock the life out of it with hammer and nails. Waterproof. Two sizes.

Sizes

Dimensions

Prices.

Single (1 to 3 birds)	22 $\frac{3}{8}$ -in. x 13 $\frac{1}{8}$ -in. x 24-in.	\$3.00 ½ doz., 75c ea.
Pen (5 to 8 birds)	23 $\frac{3}{8}$ -in. x 23 $\frac{1}{8}$ -in. x 24-in.	\$4.50 ½ doz., \$1.00 ea.

No hammer. No nails. Pen

ANDREWS' EFFICIENCY COMMERCIAL EGG CARRIER

Air cushion on all sides to prevent jars.

Eggs stand on end to prevent breakage.

Practically same as above, but made in sizes to suit shipping of commercial eggs. Printed gummed label with each carrier.

One Dozen	8 $\frac{1}{8}$ -in. x 6 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	\$0.60 per Doz.
Two Dozen	12 $\frac{1}{8}$ -in. x 8 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	1.00 per Doz.
Three Dozen	12 $\frac{1}{8}$ -in. x 12 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	1.25 per Doz.

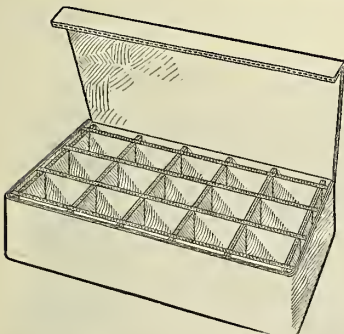
METALLIC BROOD COOP

THEY ARE POSITIVELY RAT-PROOF

Each end has five ventilators with shelters over each so rain can not blow in. The top is made so that it can be raised from the back to let extra air in on warm days.

These Coops are made by experienced people who have had an opportunity to learn from experience what is most needed for a SUCCESSFUL COOP. Size 24 in. long, 18 inches wide, 14 inches high,

Price, \$1.50 each.



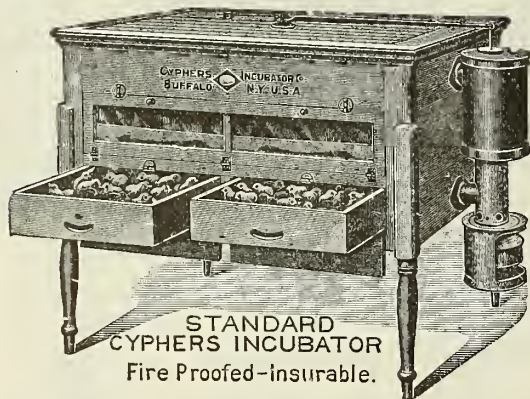
SOLE AGENTS FOR

Genuine Standard Cypher Incubators

Guaranteed to be the Best Hatchers of the Largest Percentages of Strong, Vigorous, Healthy Chicks. Beginners Obtain Success with Them on First Trials. Every Machine is Warranted.

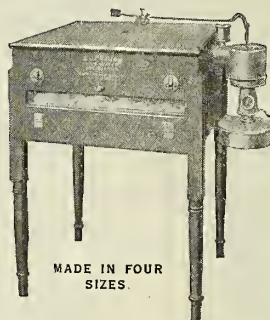
MADE IN FOUR SIZES

No. 0 Incubator—Capacity, about 70 Hens Eggs	56 Duck Eggs	.....\$15.00
No. 1 Incubator—Capacity, about 144 Hens Eggs	112 Duck Eggs	..... 23.00
No. 2 Incubator—Capacity, about 244 Hens Eggs	200 Duck Eggs	..... 34.00
No. 3 Incubator—Capacity, about 390 Hens Eggs	300 Duck Eggs	..... 40.00



CYPHERS INCUBATORS are built to hatch and to last. With proper care—the same care you would give a valuable piece of household furniture—a standard Cypher will last an ordinary lifetime. They are guaranteed by us to last ten years without repairs. We make this guarantee because they have lasted much longer than this—and are still doing first-class work.

CYPHERS SUPERIOR HOT WATER INCUBATORS.



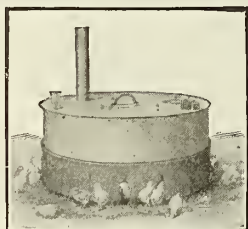
Superior Hot Water.

65 Eggs	.....\$12.00
130 Eggs	.....\$16.00

Columbia Hot Air.

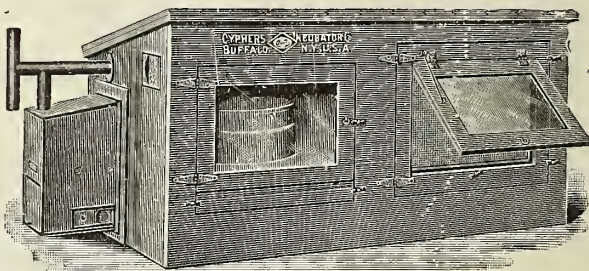
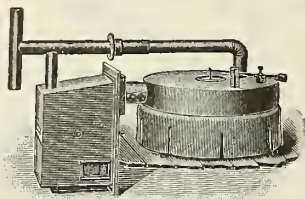
140 Eggs	.....\$16.00
250 Eggs	.....\$22.00

CYPHERS PORTABLE HOVER.



Shows the Cyphers Company Portable Hover in use on Floor of Poultry House. Chicks at all times are on a level with the surrounding floor. Price \$9.00.

CYPHERS OUTDOOR BROODERS.



Cyphers Adjustable Hover	.....\$ 9.00
Cyphers Style A. Outdoor Brooder	14.50
Cyphers Style B. Outdoor Brooder	18.50
Cyphers Style C. Outdoor Brooder	.....\$20.00
Cyphers Style D. Indoor Brooder	..... 13.50
Cyphers Chick Enclosure	..... 3.00

Fire-Proofed, Insurable, Self-Ventilating and Self-Regulating

Large Illustrated Catalogue of Cyphers Incubators, Brooders, etc. Furnished on Application.

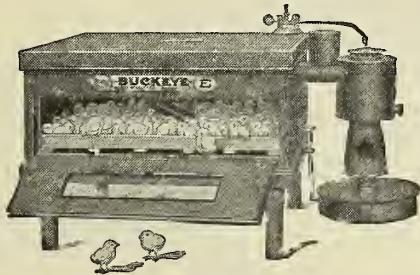
SOLE AGENTS FOR

BUCKEYE INCUBATORS

The Standard of Perfection in Artificial Incubation

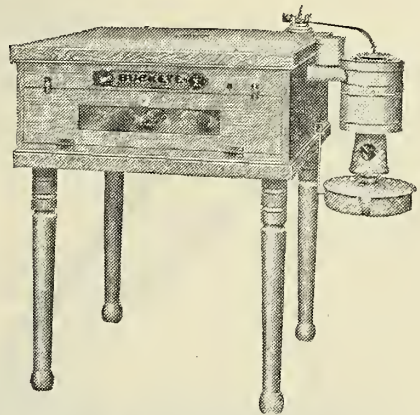
In designing our 1916 Buckeye incubators we have not departed from the methods and principles of incubation that we have found so extraordinarily successful for twenty-two years, but we have so perfected this system that we are now hatching a large percentage of eggs that have heretofore been generally considered as unhatchable.

For twenty-two years our aim has been to build a perfect hatching device that could be depended upon to produce the same uniform results regardless of surrounding conditions—and so simple that it could be operated with the same degree of success by the beginner as it would produce in the hands of an experienced poultry raiser.



No. 14 (Style E) 60 Egg Buckeye Incubator \$7.50

This Complete 60 Egg Incubator Guaranteed to hatch every hatchable egg. The greatest Incubator Value Ever Offered.



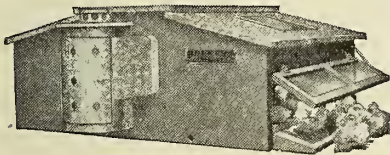
No. 16, (Style E) 110 Egg Incubator...\$12.50

No. 17, (Style E) 200 Egg Incubator...\$17.50

Price List Incubators

Style E, Capacity 60 Eggs	\$ 7.50
No. 15 (Style H) Capacity 60 Eggs	9.50
No. 1, Capacity 110 Eggs.....	17.50
No. 2, Capacity 175 Eggs.....	22.50
No. 3, Capacity 250 Eggs.....	28.50
No. 4, Capacity 350 Eggs.....	33.50

OUTDOOR HEATED TYPE BROODER.



No. 2, Capacity 50 Chicks, \$12.00

Price List Brooders

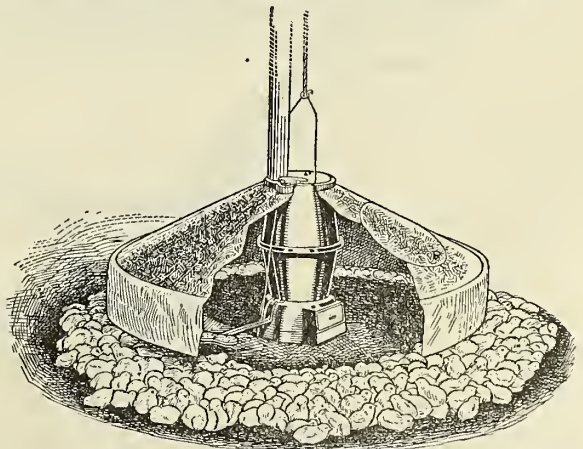
No. 1, Indoor Brooder	\$ 8.00
No. 2, Outdoor Brooder	12.00
No. 3, Indoor Brooder	10.00
No. 4, Outdoor Brooder	18.00
No. 5, Indoor Lampless Brooder....	2.00
No. 6, Indoor Lampless Brooder ..	3.00

ASK FOR CATALOGUE.

THE "STANDARD" COLONY BROODER.

Broods 100 to 1500 Chicks.

ONLY \$15.00.

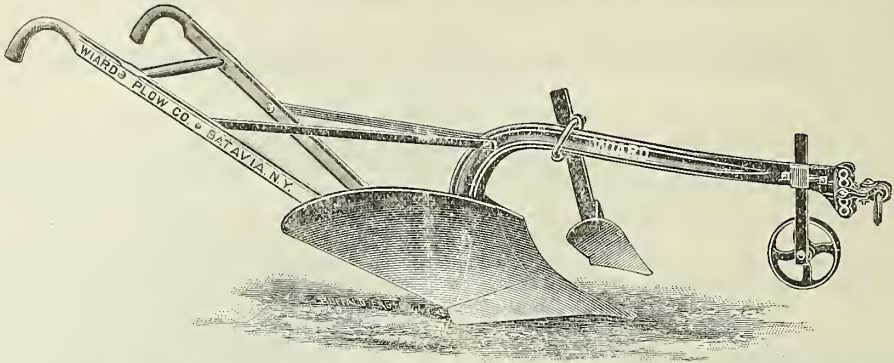


The Greatest Coal-Burning Brooder Ever Invented
Self Feeding Self Regulating Everlasting

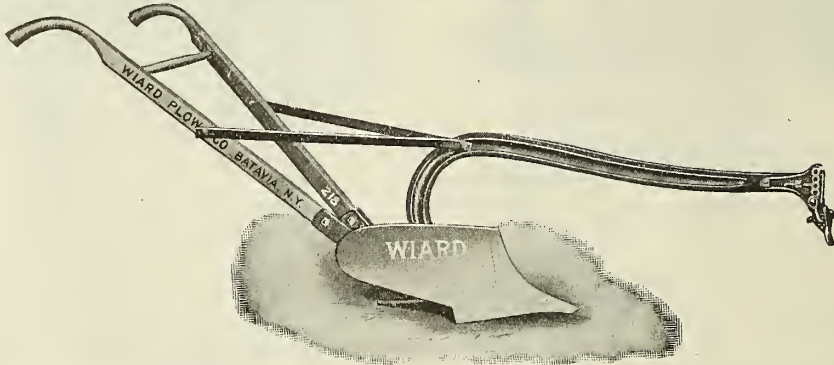
Heavy cast-iron stove that requires coaling but once every 24 hours in any temperature.

Fifty-two-inch hover that will positively brood 1500 newly hatched chicks.

THE WIARD PLOW



- No. 100—Right hand with Steel Moldboard, Grooved Steel Beam, light, but very strong.
 Weight 106 lbs. Full rigged \$13.98
 No. 43—Same as No. 100, except it has a chilled Moldboard for general purpose, plowing in
 any soil and under all conditions; it has no equal 11 98



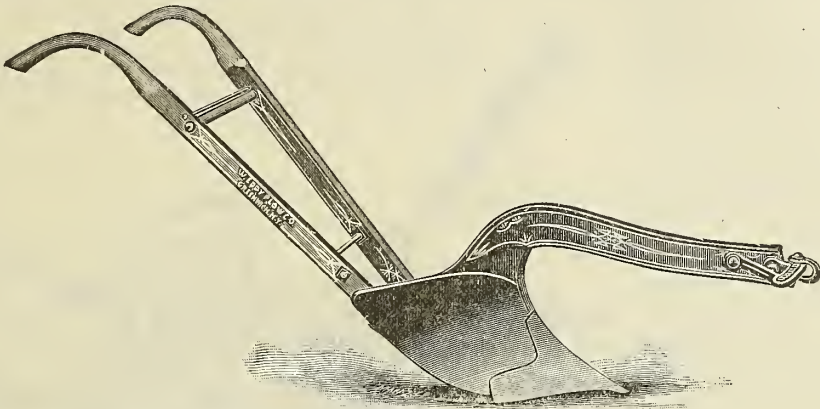
- No. 218—Light Two Horse, Chilled Moldboard, Sloping Landslide, with wheel and Jointer.
 Weight 99 lbs. Price \$10 98



- No. 210—New 1-Horse Plow Steel Beam, very fine \$5 80
 No. 72—Light Two Horse, Steel Beam, Right Hand 11 98
 No. 17—Two Horse Wood Beam, full Rigged, Chilled Moldboard 11 98
 No. 62—Small, One Horse, Wood Beam, with Clevis only 3 98
 No. 31—Light One Horse, Wood Beam, with Clevis only 5 50
 No. 91—Two Horse, Steel Beam, Right hand 11 98
 No. 10—One Horse, Wood Beam, Right hand, Chilled Moldboard, Adjustable Handles for
 height and running close to rows 6 50

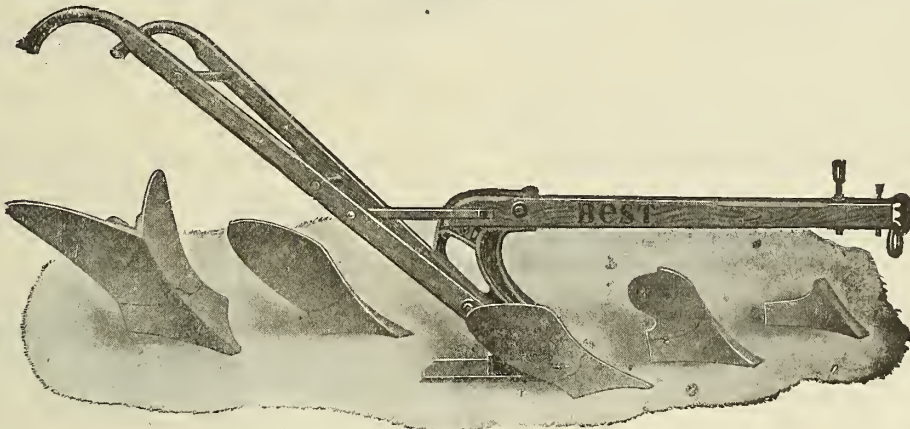
REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK.

No. 115x—Swivel, Light Two Horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis	\$13 98
No. 21—Swivel, One Horse, Cast Moldboard, Wood Beam	7 98
Weeder—7½ feet wide, adjustable spring steel teeth	7 98



No. 6—One Horse, Cuts 10 inches, Weight 50 lbs.....

It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price, Chilled Iron. Landslide chilled on bottom; is very strong and convenient.



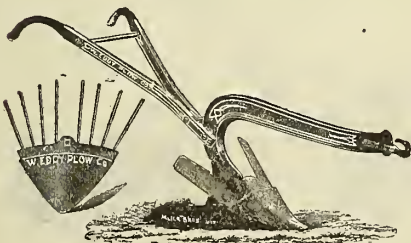
THE BEST PLOW.

This is the best one horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the Plow, the purchaser actually has four plows in one. Price complete

No. 1½ Moldboard and Share makes a large one horse Plow.

No. 2½ Moldboard and Share making a medium sized one horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED.



Price with wings only	\$5 00
Price with Potato Digger	6 00
Price with Wing and Potato Digger attachment	7 98

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a Shovel Plow or Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light, strong and durable.

Darnell's Patent Furrower and Marker

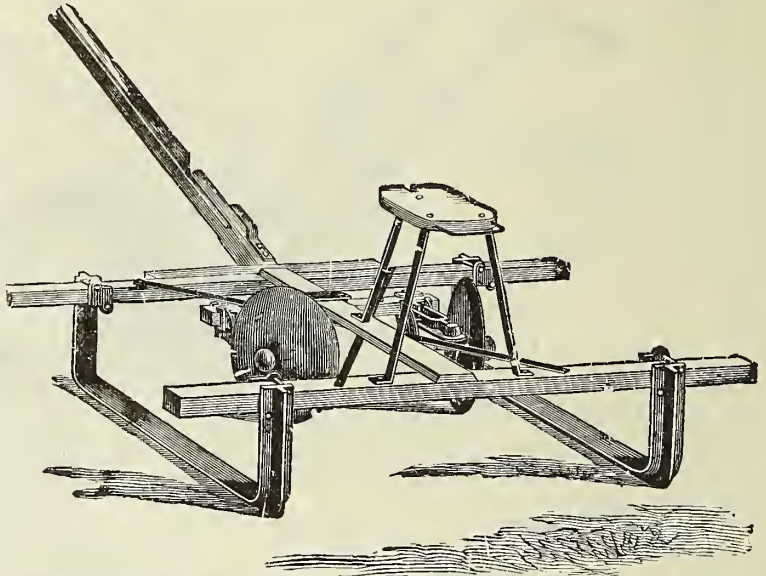
In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which made a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

We have a genial everboring neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks. We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground, and do it better.

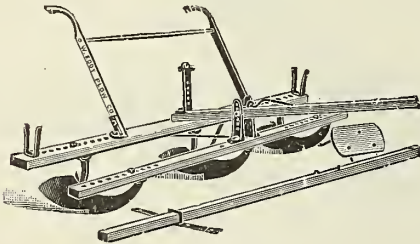
Price \$18.00.



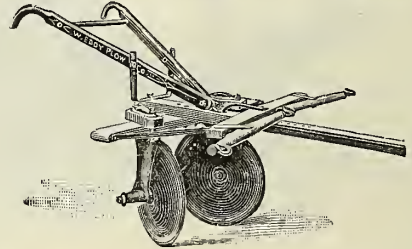
THE EDDY IMPROVED MARKER

These Markers have chilled Shoes of Runners with steel wings bolted on, and may be easily replaced when worn. Frames made of seasoned oak firmly braced and bolted together, arranged with holes permitting the adjustment of the shoe to any width desired. Gauge is adjustable and swings to either side. It will save time enough to pay for it in one season also improve the looks of your field.

Price\$11.00



EDDY'S NO. 10 DISC HOE AND COVERER



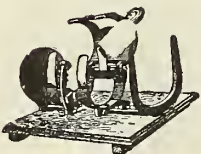
The Eddy Disc Hoe and Coverer have 20-inch steel Discs, adjustable handles and are invaluable for covering and ridging all kinds of row crops. Adjustable in every way it is one of the best implements on the market.

Price\$10.00

ACME ASPARAGUS BUNCHER.

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

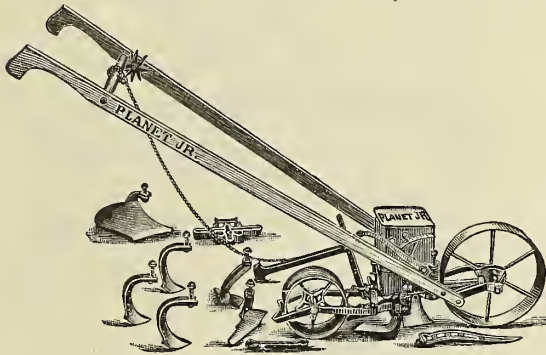
Price\$1.98



Planet Jr. Garden Tools



The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

Price, Complete, \$10.50. Weight, 50 lbs.

As a Seeder Only \$8.50. Holds $2\frac{1}{2}$ qts. of Seed

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills, 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc.

NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Price, \$13.00.

Weight packed, 61 lbs. Holds $2\frac{1}{2}$ qts. of Seed

This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.

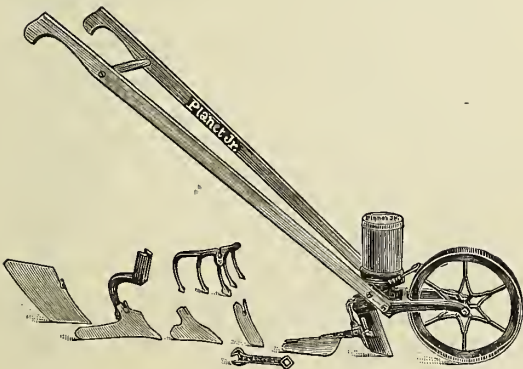
NO. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE

Price, Complete, \$6.50. Packed weight, 30 lbs.

No. 32, As a Drill Seeder Only, \$4.75.

Packed weight, 22 lbs.

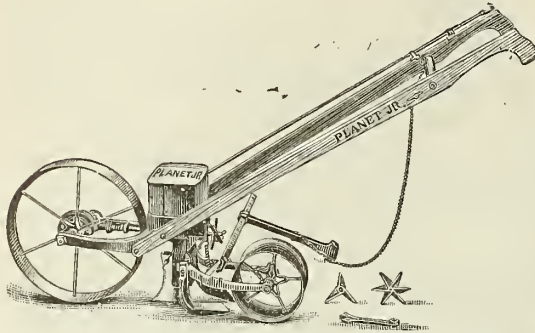
This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from $\frac{1}{4}$ to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.



Planet Jr. Garden Tools



These Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



Holds 3 qts. of Seed. Weight, packed, 43 lbs.
Price, \$10.00.

NO. 3 PLANET JR. HILL AND DRILL SEEDER

A favorite among onion growers, market gardeners and seedsmen.

The 15-inch driving wheel is steel, with heavy forged spokes, making the tool light and easy running.

The opening plow is V-shaped, adjustable for depth, leaving the seed in a very narrow line, making close cultivation easy. The index is in plain view at top of handles and graduated for hills or drills.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows. Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.

NO. 12 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

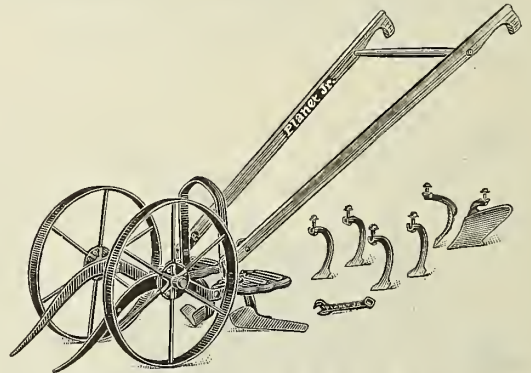
Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc.; for covering and for plowing to or from the crop.

NO. 13 DOUBLE AND SINGLE WHEEL HOE

Price \$4.50. Weight, 28 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most used.



14-inch steel wheels. Steel frame.

Price, \$6.50. Weight, 33 lbs.

NO. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW

Nos. 16, 17, and 18 have the same steel wheels, frames and handles, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

NO. 17 PLANET JR. SINGLE WHEEL HOE

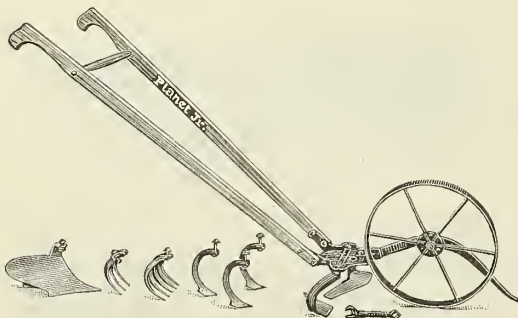
Price, \$4.75. Weight, 24 lbs.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

NO. 18 SINGLE WHEEL HOE

Price, \$3.50. Weight, 19 lbs.

This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season.



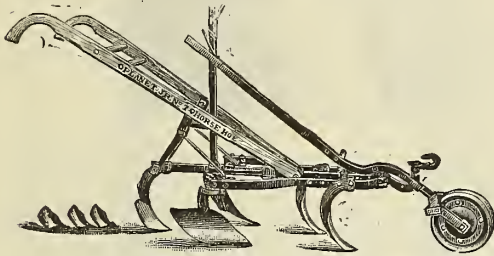
Price, \$5.35. Weight, 26 lbs.
Steel Frame. 15-inch Steel Wheel.



Planet Jr. Tools



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

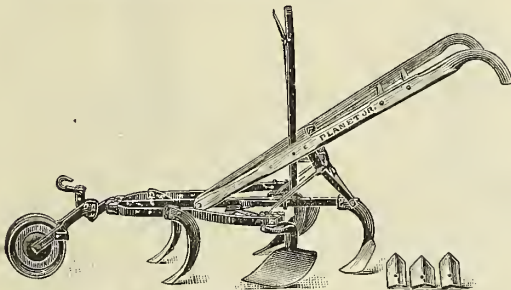


Price, \$7.98. Packed weight, 77 lbs.

NO. 7 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

Steel Wheel.

Opens and closes furrows, hoes right up to the plants without danger of injury, throws dirt to or from the row and throws back from centre again. Adjusts for any width. The teeth, made of beveled steel, specially hardened, retain their cutting shape and out-wear anything made. The steel wheel won't clog. The handles adjust up, down or side-wise.



Price, With Steel Wheel, \$7.25.

NO. 9 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

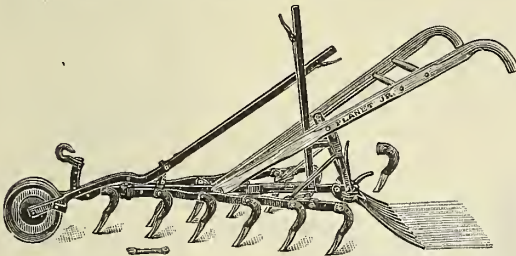
Weight, packed, 70 lbs.

This Horse Hoe is identical with No. 7, except that it has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, steel wheel, patent lever expander, and hollow steel wheel arms.

This tool has become popular because of its strength and lightness, easy change of width, and while not so handy as a tool with a lever wheel, it is a favorite.

The New Steel Wheel, having no spokes, will not clog with corn stalks, stones or other trash, and little or no sand or dirt can be carried up on the inside of the rim to drop on the bearings.

PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER



Complete, with Steel Wheel, \$8.50.

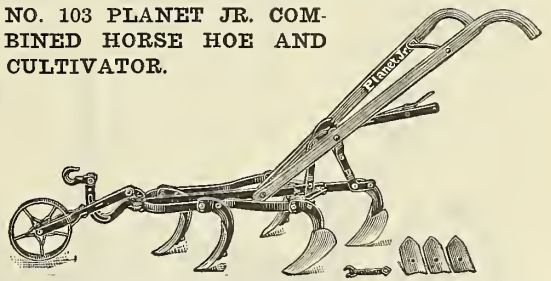
Weight, packed, 74 lbs.

Without Pulverizer, \$6.90.

Without Pulverizer or Wheel, \$5.70.

Gardeners cultivate better than formerly and find it pays. The chisel-shaped teeth on this tool go as deep or shallow as you like, close to row, without injuring plants, cut out all weeds, stir the soil and mellow and fine it as with a garden rake. Any width from 12 to 32 inches. A special favorite with strawberry and tobacco growers, market gardeners, truckers and small fruit growers. The wheel won't clog; the pulverizer leaves the ground in perfect condition for seeding or plant setting.

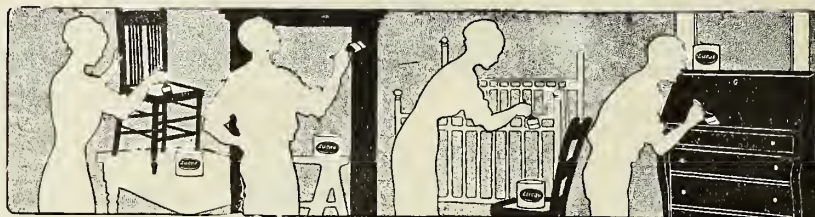
NO. 103 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR.



Price, \$6.00. Weight, packed, 60 lbs.

This admirable tool is new for 1916. The expander lever, instead of standing perpendicular, slants backward between the handles, so it can't get bent or broken, and won't injure crops under cultivation. Its weight adapts it particularly to use in light land, but it is strong enough for use everywhere, and is so simple in construction and has so few parts, it can't get out of order. The cultivator teeth are made of high carbon, beveled steel, and will retain their shape. The turning shovels are of special design, of elegant proportion and useful in connection with the shovel steel in throwing furrows, and afterwards covering them, and for plowing and hilling much or little as desired.

MUZZY BROS. HOUSE PAINT



These paints are manufactured by experienced and practical workmen from compounded materials of intrinsic value as pigments, which are thoroughly mixed and ground together by improved machinery, producing a paint possessing superior durability, covering capacity and uniformity of shade.

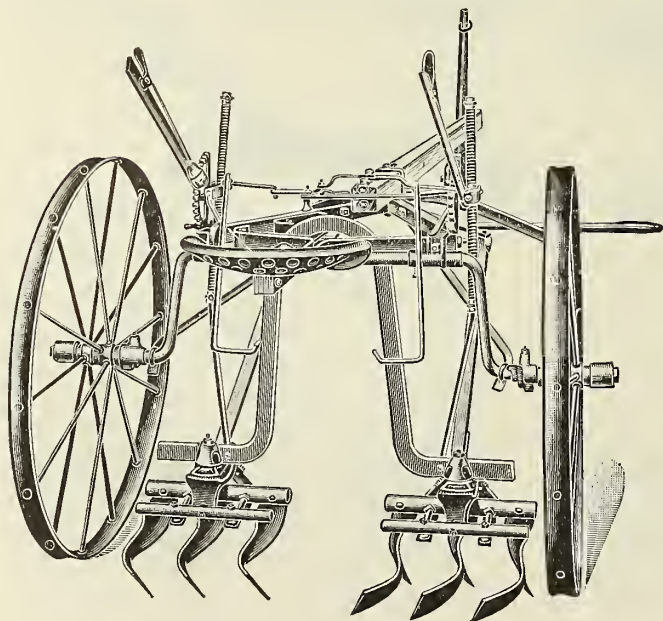
We feel confident in stating that our Mixed Paints are cheaper to the consumer than white lead, because of their great spreading and covering capacity.

The colors are arranged on a card to show the most beautiful and durable shades for House Painting.

In general, two tints or tones of the same color produce the best effect. The body color should generally be a light tint, but for larger residences, hotels, etc., a medium color for the body, with a light tint for trimmings, will create pleasing results.

\$1.50 per Gallon.

ACME SURFACE CULTIVATOR NO. 57



The "ACME" is a Surface Cultivator and performs all the functions of this class of Cultivators in a superior manner.

In surface cultivation the objects desired are:

To work the soil so that the plant roots are not cut or torn.

To form a soil mulch to conserve moisture, aerate soil and thus make plant food available.

To cut weeds and grass roots below the surface and turn them up to the killing action of sun and air.

Price, \$30.00



Six Tine Manure
Fork,
Strapped, 98c



Five Tine Manure
Fork,
Strapped, 89c



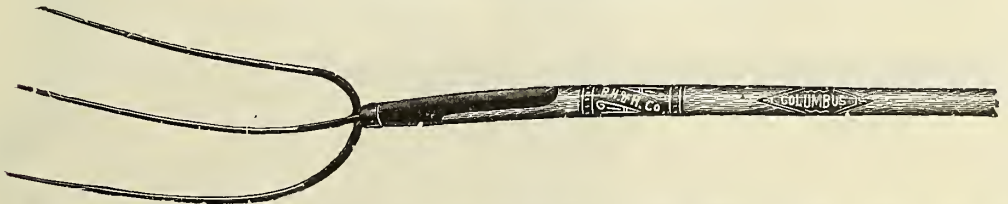
Four Tine Spading
Fork, Strapped, 75c
plain, 50c.



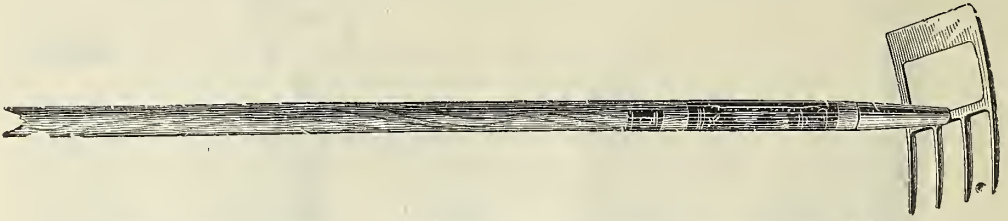
Five Tine
Spading Fork
Strapped, 98c



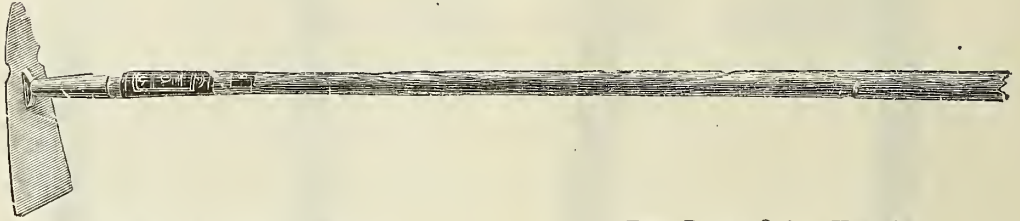
Two Tine Hay Fork, 5 foot handle, 48c.



Three Tine Hay Fork, 5 ft. handle, plain 50c Strapped, 60c. 5½ ft. handle, plain, 55c Strapped, 65c



Four Prong Weeding Hoe, Malleable, 25c. Six Prong Weeding Hoe, Malleable, 30c.



One Prong Onion Hoe, 25c.

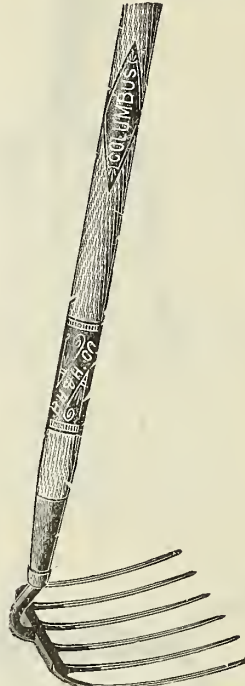
Two Prong Onion Hoe, 30c.



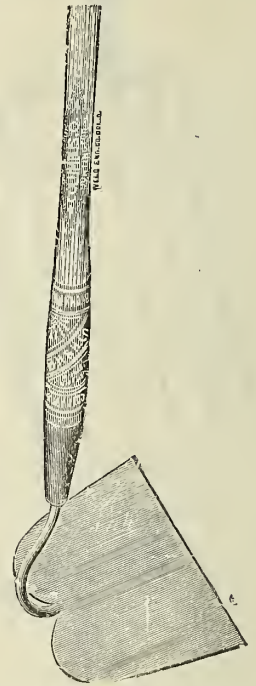
Four Prong Potato Hook 55c.



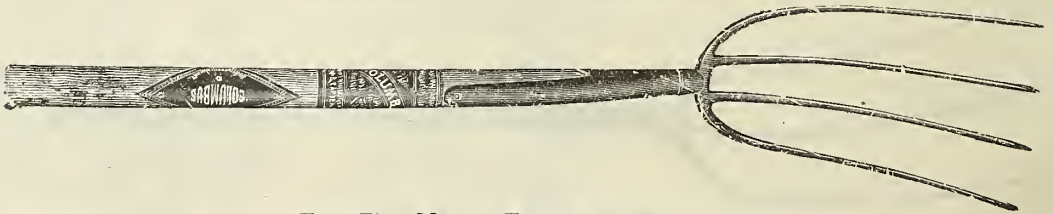
Four Prong Potato Hook, Heavy, 59c.



Six Prong Potato Hook 69c.



Socket Field Hoe 45c
Riveted, 25c.

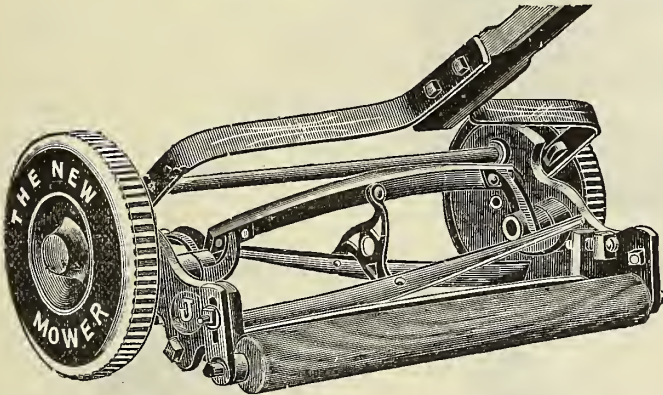


Four Tine Manure Fork, Strapped, 70c. Plain 55c.

LAWN MOWERS

All of our different styles of **Lawn Mowers** this year are made by the **Philadelphia Lawn Mower Co.**, the Largest and Best Manufacturers of Lawn Mowers in the **World**. Our cheapest as well as our most expensive Mowers being made by this firm, we are the **Sole Agents** in this section of the State.

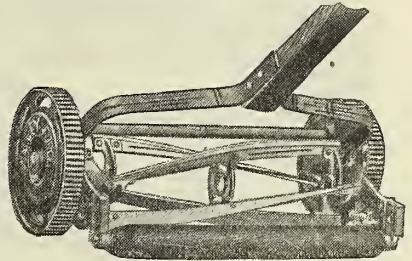
THE NEW PATERSON MOWER, \$2.48, All Sizes.



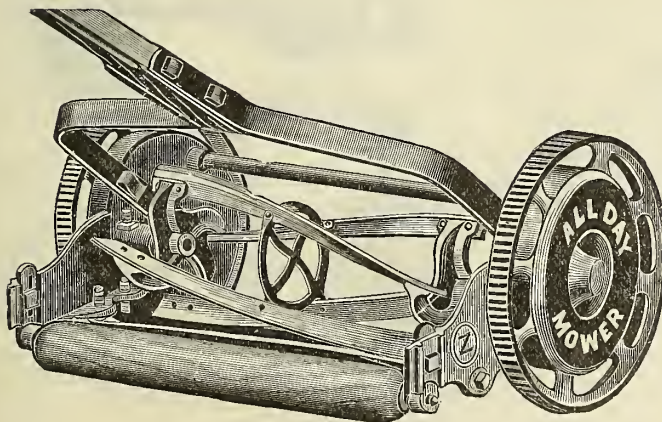
The new Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder, $5\frac{1}{4}$ in. Geared on both wheels. This is the best cheap mower on the market.

THE MUZZY LAWN MOWER, \$3.75, All Sizes.

The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class Mowers.



MUZZY HIGH WHEEL MOWER \$4.98



The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

Most Popular Ever Made

Its construction is superior to all others of a like kind.

Prices

14 inch	\$4.98
16 inch	5.48
18 inch	5.98

Philadelphia Mower

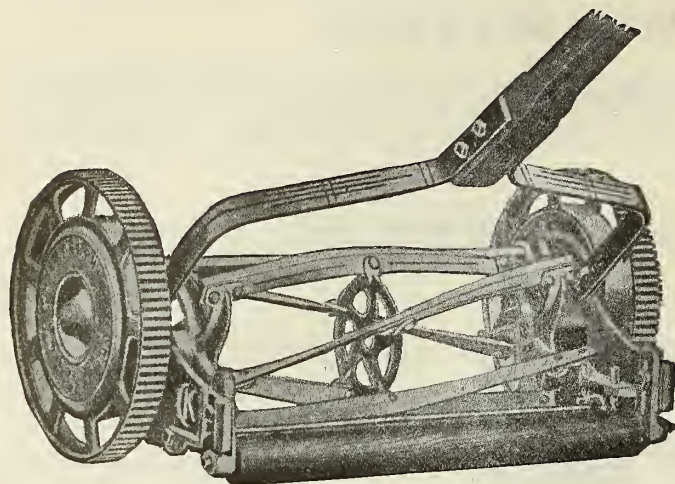
Style K

5 blades, 10 inches wheel.

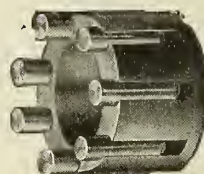
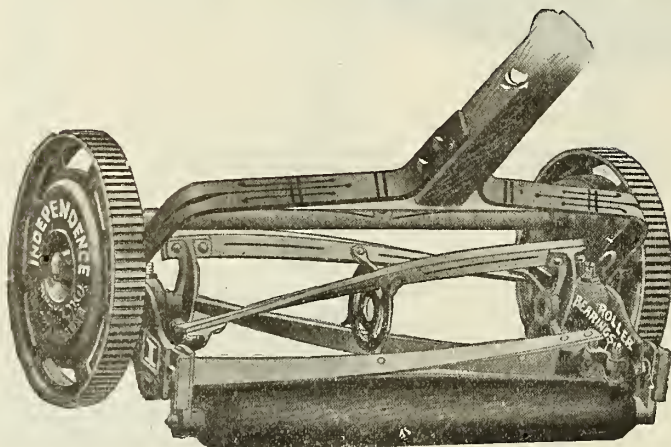
Best Mower made

Prices:

14 inch	\$7.50
16 inch	\$8.00
18 inch	\$8.75
20 inch	\$9.50



"MUZZY" ROLLER-BEARING MOWER



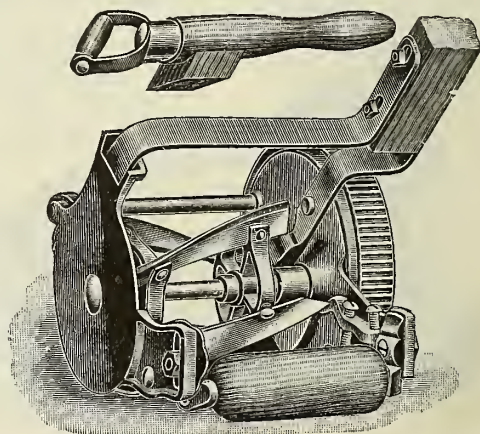
"Muzzy Roller Bearing" Mower, 12, 14, 16 inch.....	\$5.00
4 Blades, 8-inch Wheel, Roller bearings.	
"Muzzy Roller Bearing" Mower, "High Wheel," 14, 16, 18 inch.....	\$6.98
4 Blades, 9-inch Wheel, Roller bearings.	

LAWN TRIMMER

For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn Mower.

Cuts within $\frac{1}{4}$ of an inch of the edge.

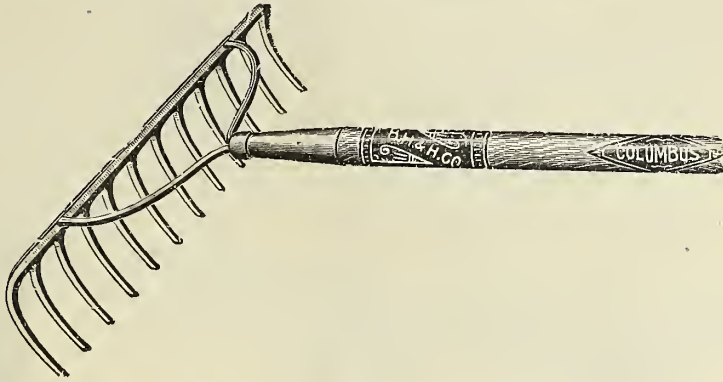
Price \$4.98



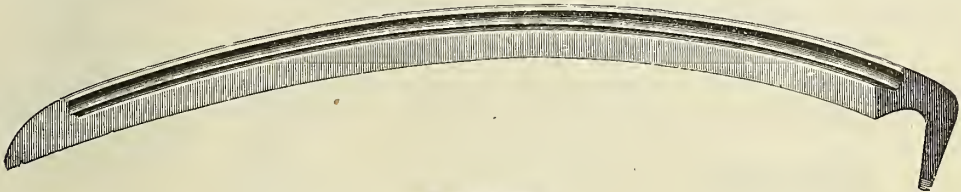
RAKES AND SCYTHES

LAWN RAKES

3 Bow Lawn Wood Bows	\$0 35	10 Tine Malleable Rake	\$0 19
Wire Lawn Rakes	35	12 Tine Malleable Rake	20
3 Bow Lawn Wire Bow	38	14 Tine Malleable Rake	25



10 Tine Cast Steel Rake, Plain, ..	\$0 45	with Bow Brace	\$0 50
12 Tine Cast Steel Rake, Plain, ..	50	with Bow Brace	55
14 Tine Cast Steel Rake, Plain, ..	55	with Bow Brace	60
16 Tine Cast Steel Rake, Plain, ..	60	with Bow Brace	65



SCYTHES

Blood's Ribbed Back. Nothing better	\$0 98
Blood's Plain Back, Polished	75
German. A high grade Scythe at a low price	98
English Lawn. An elegant tool for fine work	1 25
Bush Scythes. For rough work	75
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety	
Floral Sets, consisting of Hoe, Spade and Rake	10c 25c., 39c., 75c., 1 00
Trowels	3c., 5c., 10
Strawberry or Pruning Forks	5c., 10
Fruit Pickers. Do not bruise fruit	35
Excelsior Weeder	05
Grafting Wax	¼ lb. 10c., ½ lb. 15c., 1 lb. 25



English Grass Hooks

35c and 40c



Pruning Shears

19, 25, 40, 65 and 85 cents.

Dibble, Iron or Wood
Handle ..25c and 35c

This tool is indispensable
for planting small roots and
plants; once tried the gar-
dener will never dispense
with it.

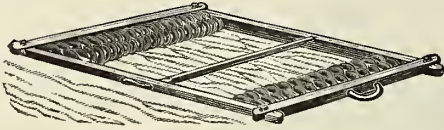


Garden Syringe, 50c and upwards



Pruning Saws

50c. and 70c.



THE MEEKER SMOOTHING HARROW.

Perfect Harrow and a Perfect Land Roller Combined.

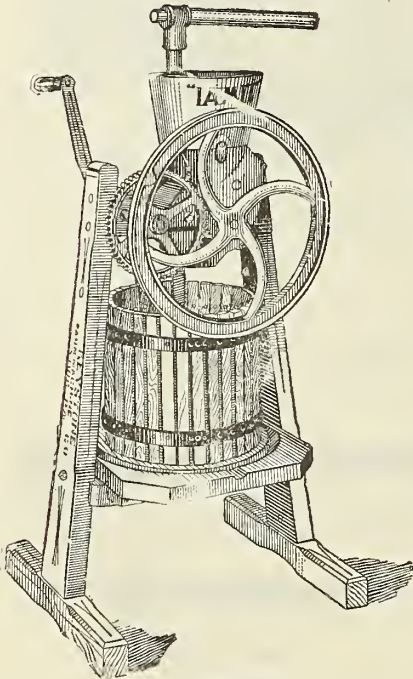
This harrow has become a great favorite among all classes of farmers and market gardeners in all parts of the country.

It has two sets (four) of rollers containing 58 steel disks.

These disks grind all lumps and save the work of raking, and also mash small stone below the surface better than any field roller, leaving the land smooth and level.

The disks of one roller work between those of the other, preventing clogging in damp soil. The board in the center is set at an angle, is adjusted up or down and serves as a leveler.

Regular size, 6 ft. 8 in. by 6 ft. with 8 in. disks, \$20.00. Weight, 200 lbs.



PRICE, \$8.98



NORCROSS. Cultivator-Hoes and Weeders

are among the most modern tools for garden and flowers. They are light and strong and cultivate closer to plants without injuring them than any other kind of implement, leaving the soil level, loose and untrampled.

Cost but little more than the common hoe—accomplish much more and better work with less labor.

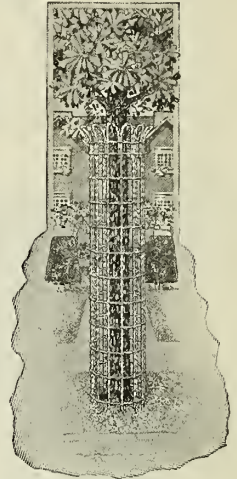
Price, 75c.

TREE GUARDS.

Made 6 feet high of heavily galvanized wire, in 9, 12 and 15 inch diameters.

Ready for setting up by claspings the hooked ends. Furnished with spiral spring, which attaches to tree and prevents rubbing or bruising of the bark. Protects without shading or otherwise injuring the tree.

Price 6 ft. 12 in., 98c.



THE "I AM IT" CIDER MILL.

A combined Mill and Press with geared cylinder, and adjustable concave, so that grinding can be done, as desired either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

Price, \$9.98

Wine and Cider Presses.

Diameter of Tub.

No. 1	10 in	.....\$3 75
No. 2	12 in	..... 4 50
No. 2½	13½ in.	..... 5.25
No. 3	15 in	..... 6 98

APPLE AND GRAPE GRINDERS

No. 11	.....\$3.50
No. 22	..... 5.48
Wizard	..... 7.50

CIDER MILLS

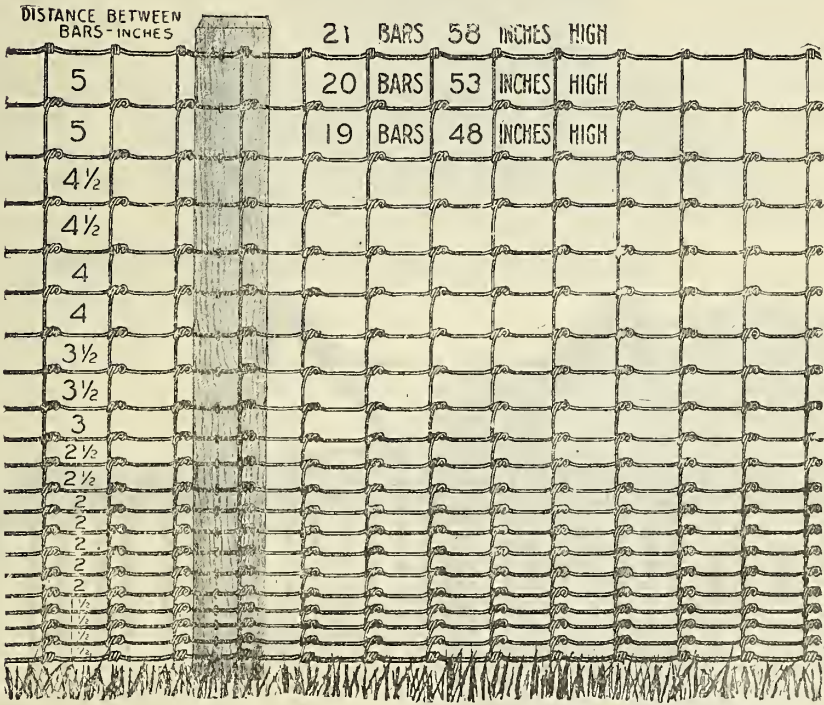
Junior	.....\$14.50
Medium	..... 18.00
Senior	..... 25.00

Sole Agents



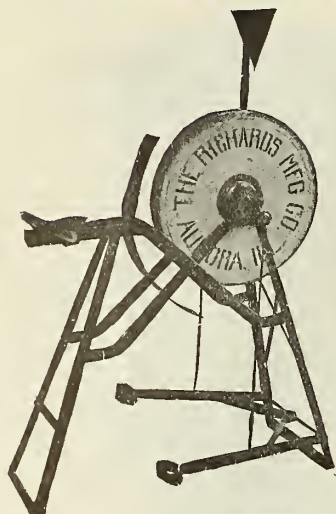
National Fence

National Farm Fence, 45 inch. Price, Per Rod (by roll) 35 cents.



New National Poultry and Rabbit Fence, 48-inch Price per Rod (by roll) 45c. 58-inch Price per Rod (by roll) 48c.

CYCLE BALL-BEARING STEEL FRAME GRINDSTONE



Solid Steel Frame with Seat, \$4.48

Stone 19 to 22 inches, 2 to 2¼ inches thick. Best Quality Berea Grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical principles.

Weight 85 lbs.

Price\$4.98

Price with Cycle Pipe Frame 4.98

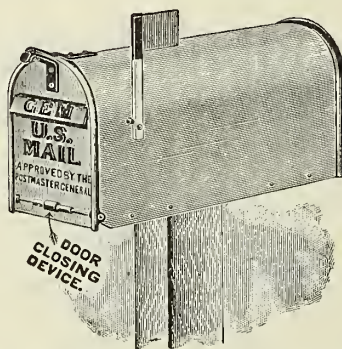
Price with Wood Frame 3.98 up

RURAL GEM NO. 4, With Self-Closing Door

Approved by Postmaster General

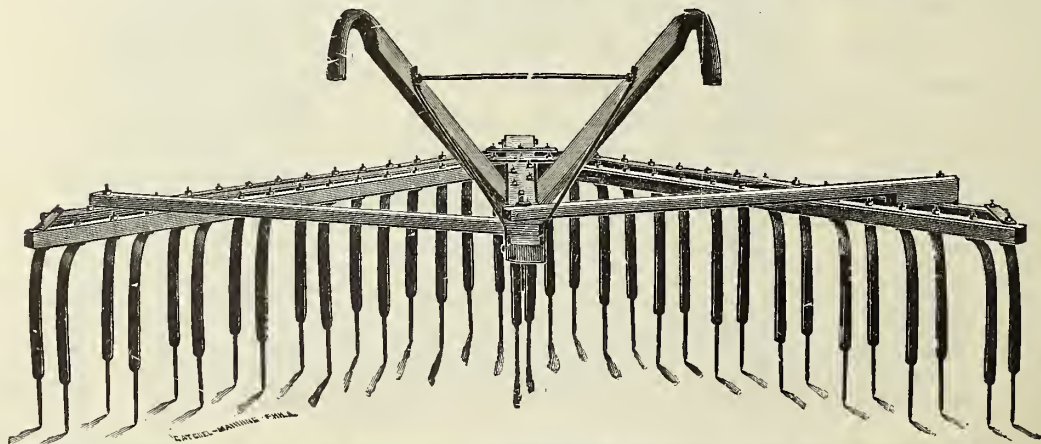
Description

Made from 22-ga. galvanized steel; absolutely storm-proof; the door is hinged at the bottom and yet is kept constantly closed by a spring hinge—cannot carelessly be left open nor blown open by the wind; has a large flag, visible for a long distance and easily operated; has

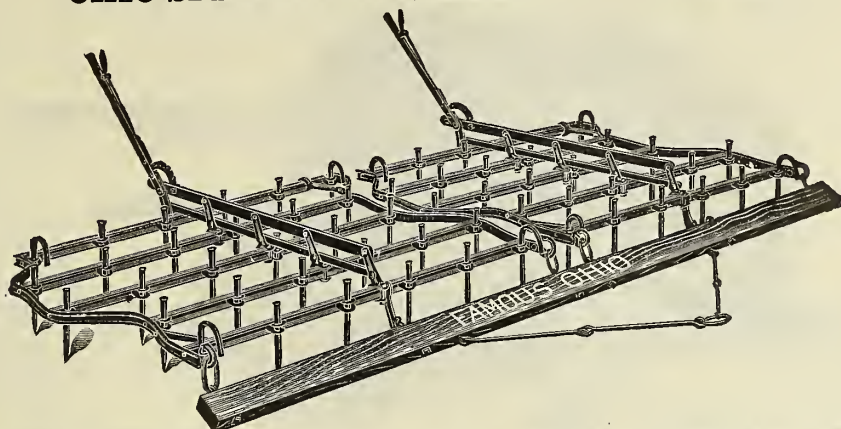


inside letter and penny holder; has a drop-letter hole in door; has substantial steel padlock-hasp; words "U. S. Mail" and "Approved by Postmaster General" are embossed in door and will remain as long as the box lasts; finished in weather-proof bronze; fully one inch taller than most boxes of this style.....98c

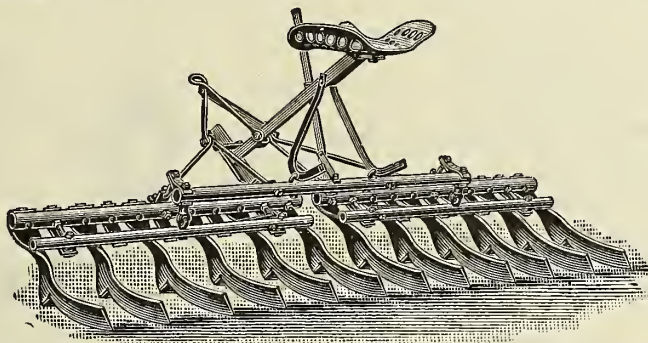
KEYSTONE ADJUSTABLE WEEDER



Keystone Adjustable Weeder, expands to 7 feet, Best Weeder made, every one guaranteed. Try one, it will increase your crops.

OHIO SPIKE TOOTH HARROW - 60 Teeth

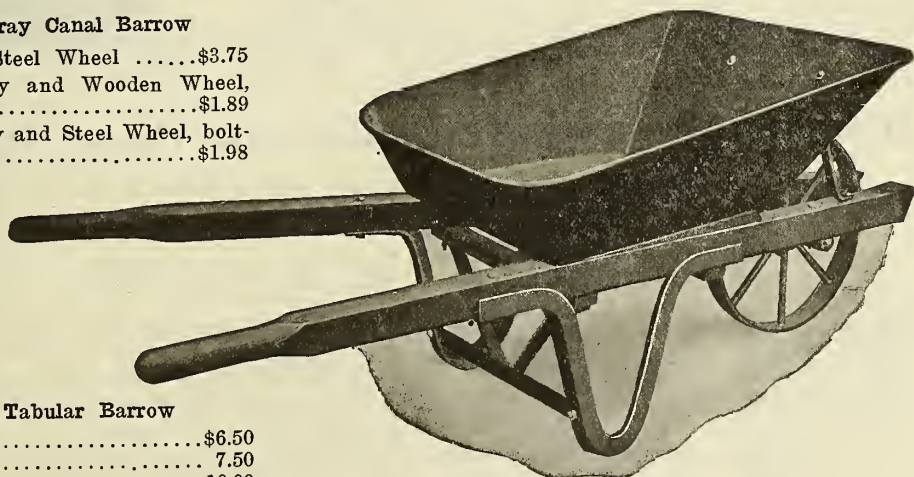
The U-bars, channels, oscillating bars and teeth, are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with 5-8 teeth, \$6.98, or in Two 30 tooth sections, with 5-8 teeth, \$13.48.

ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler

No. 11 Price, one horse.....\$14.00 No. 23 Flexible, Price.....\$16.00

Steel Tray Canal Barrow

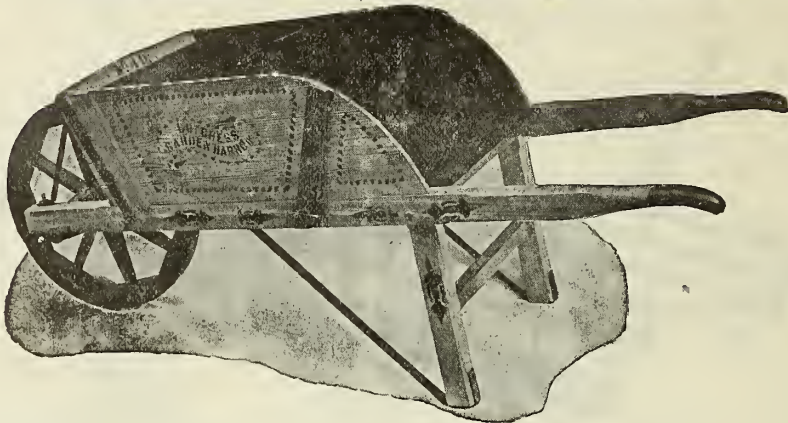
Price with Steel Wheel\$3.75
 Wooden Tray and Wooden Wheel,
 bolted\$1.89
 Wooden Tray and Steel Wheel, bolt-
 ed\$1.98

**Iron Tabular Barrow**

No. 4\$6.50
 No. 7 7.50
 No. 2 D10.00

Extra Heavy Steel Tray, \$4.48

DUTCHESS BOLTED GARDEN BARROW



No. 2 B. Boys' size	\$2 75
No. 3 C. Medium size	3 25
No. 4 D. Large size	3 75
No. 5 E. Extra Large	4 25
No. 1½ Steel Wheel	3 98

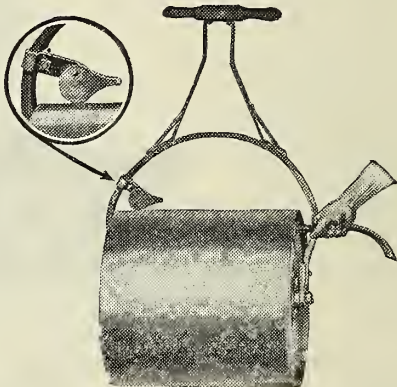
DUNHAM ROLLER BEARING LAWN ROLLER

Water Filled

Length and Weight precisely as listed

Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.

No.	Diameter Inches	Length Inches	Sections	Pounds	Price
W. B. 3	14	20	1	200	\$ 9.48
W. B. 5	18	24	1	300	10.98
W. B. 7	24	24	1	500	13.98
W. B. 11	18	24	2	300	14.98



Insecticides and Remedies for Plant Diseases



Lemon Oil-Insecticide. This well known article is in general use all over the country for destroying Scale, Mealy Bug, Greenfly or Alphis-Ant-Thrip-Caterpillar, etc. on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.

Half pt. 25c, pt. 40c, qt. 75c, half gal. \$1.25, gal. \$2.00.

White Helleboro. An excellent remedy against currant worms, rose slugs, caterpillar, etc. Can be used either dry or in water, 35c per lb.

Whale Oil Soap. One of the most effective agents used for destroying scale, bug, plant, lice and all other insects, injurious to vegetation.

Price, 1 lb. box, 15c; 2 lb. box, 25c.

Lime and Sulphur Solution for San Jose scale, 1 gal. makes 15 by adding water. 1 qt. 25c; 1 gal. 65c; 5 gal. \$2.50; ½ bbl. (30 gal.) 25c gal.; 1 bbl. (50 gal.) 20c gal.

INSECTICIDES AND REMEDIES FOR PLANT DISEASES, Continued.

Standard Fly and Germ Killer. It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies. The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray, without waste and using but very little. Fifty cows can be sprayed in a few minutes. 75c per gallon.

Pratt's Scalecide. It will positively destroy all soft-bodied, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap, easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.

ARSENATE OF LEAD FOR
POTATO BUGS

Paste

Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain. 1 lb. 20c.

Dry

1 lb. 35c

BUG DEATH.

We want you to try this really wonderful preparation. Is absolutely harmless. Give it a square deal. You have nothing to lose, and in the light of the experience of others, just this to gain—larger crops, better quality, more money in your pocket.

Kills all bugs and worms that chew the leaves and foliage.

Is absolutely harmless. The birds may "peck" it from the leaves, the honey-bees take it from the flowers, hens and domestic animals eat stalks, leaves and vines where BUG DEATH has been used WITHOUT any ill effects.

May be used dry or in solution.

Price 1 lb. 15c., 3 lbs. 35c., 5 lbs. 50c.,

12½ lbs. \$1.00 100 lbs. \$7.50

BORDEAUX MIXTURE OR FUNGIROID—For all fungous diseases, such as mildew and the various rots of the grape. Full directions on label. Dry, 1 lb. box 30c.; 5 lb. and over at \$28c. per lb.; 50 lbs. for 25c per lb.; liquid, 1 qt. 35c; 1 gal. \$1.00.

ROSE NICOTINE—Most powerful Insect and Parasite Destroyer known. Guaranteed to kill Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human Body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House Bug or Vermin. 15c lb.



CUT WORM FOOD.

It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package. For plants started from seed, it is applied as soon as the first plant breaks ground; for plants started in a seed bed, it is applied just after setting, such as Tomatoes, Cabbage, Egg Plants, Cauliflower, Tobacco and Flowers. The one pound package is a very convenient size to use for small gardens and flower beds.

Directions how to use on each package.

Price, 25 Cents

Sulphur, Powdered—A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.



Hammond's Slug Shot—An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomato Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering plants. 5 lb. pkg. 30c.

Strictly Pure Paris Green—
Market price,

Double Ground Land Plaster—
Per 100 lb. bag 60c.

Sulpho Tobacco Soap 10c. & 20c.

ACRE-AN-HOUR SIFTER.

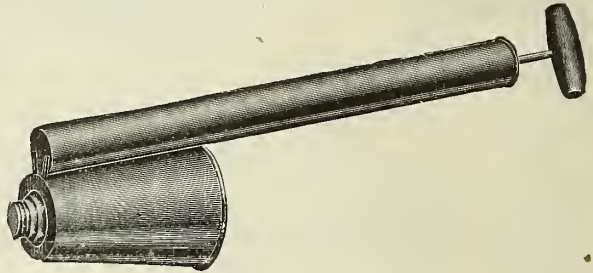
The ACRE-AN-HOUR SIFTER is for applying dry insecticide with economy, being constructed in such a way that there is no wasting of material. When a small plant is to be treated, it can be regulated so that there is no surplus mixture thrown away. When large plants are treated the Sifter is opened up to any satisfactory dimension required. The work may be accomplished as fast as a man can walk, being easy to operate, and with care will last for years. The cost compared with other instruments used for this purpose, taking in consideration the result obtained is insignificant. We can honestly recommend to you an ACRE-AN-HOUR SIFTER.

Price 50c.

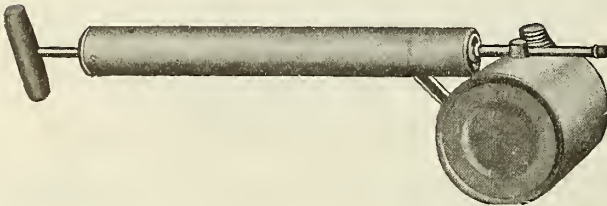
LOWELL GRAND SPRAYER FOR LIQUID

DESCRIPTION.

Tapered cylinder reservoir, 4 inch bottom, 3 inch top, 1½ inch pump cylinder, 20 inches long. Plunger rod bright steel. Plunger our special make. Two brass solution or spray tubes. One inch zinc can screw for filling. Strong and durable in construction. Each sprayer is tested for leaks and perfect spray. Capacity of tank one quart. Aluminum finish, Galvanized Steel 45c.



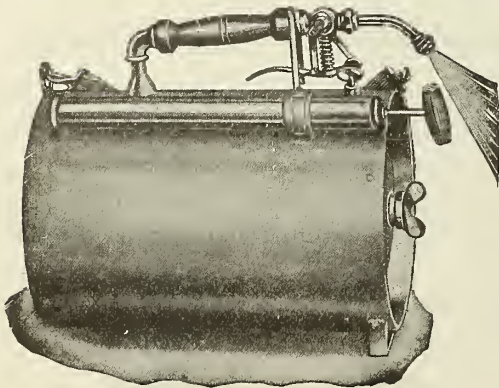
LOWELL CONTINUOUS SPRAYER



The Lowell Continuous Sprayer, as the name implies is so constructed that it not only sprays on the downward stroke of plunger but also when it is drawn back, thus causing a continuous mist-like spray.

Brass Lacquered \$1.00.

THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER.



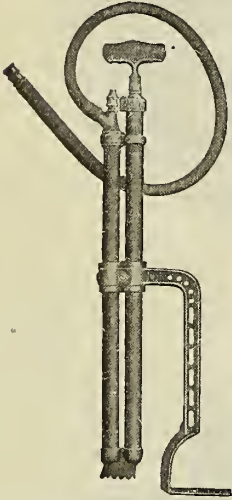
One pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. Automatic Thumb Lever Valve is at all times under complete control of operator, hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable coupling for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity 3 gallons. Price \$4.98.

"LIGHTNING" WHITEWASH SPRAYER

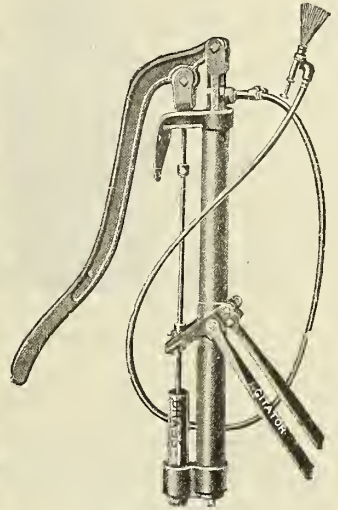
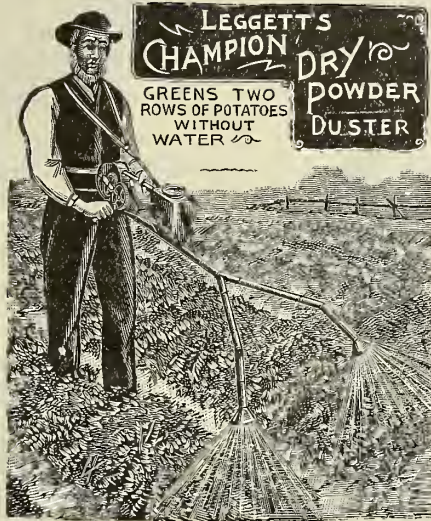
This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc.

Galvanized iron \$2.25.

Brass \$2.75.

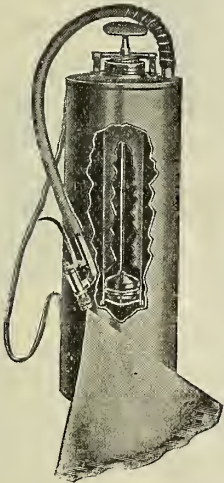


"Lightning"
All Brass Spray Pump
for Pail use
Price \$3.50



PUMP NO. 25
FOR BARREL USE
PRICE \$7.98

BROWNS AUTO SPRAY NO. 1



The Auto-Spray No. 1 is the standard of all compressed air sprayers. It is the strongest and most simple in its working parts of any similar machine. Self operating. Two pumpings of a few strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has only to direct the spray.

Uses. For spraying trees, shrubs, vines, field crops, in the greenhouse, poultry house. For applying disinfectants and cattle-fly oils. Will handle all solutions, including whitewash and cold water paint.

Price, \$4.50.



Measuring Rods

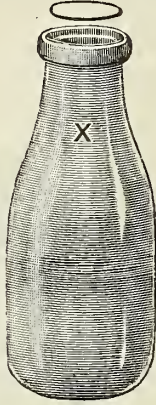
FOR MILK CANS

Metal	50c
Wood	35c

Dairy Thermometers, 15c each.

Lactometers, approved by the N. Y. Board of Health, to test the quality of Milk, 50 each.

Long Handle Measure for Milk Cans, 1 pt. 15c; 1 qt. 18c.

DIARY and MILKMEN SUPPLIES**MILK BOTTLES****No. 2 Common Sense**

1 qt. doz. 60c	Gross \$6.00
1 pt. doz. 50c	Gross 4.50
½ pt. doz. 45c	Gross 4.25

In 3 gross lots we print name on bottle no charge for printing except the plate, in 5 gross lots we furnish the plate free.

Milk Bottle Boxes

1 qt. size holds 12 bottles 7-8 inch with cover
\$1.10 and \$1.25

1 qt. size holds 12 bottles, without cover, 65c.
1 pt. size holds 12 bottles 1 in. thick without cover, 75c.

1 pt. size holds 24 bottles with cover, \$1.25.

Milk Bottle Carriers**TINNED WIRE**

6 1 qt. bottles 69c 8 1 qt. bottles 85c. Galvanized iron wire 6 qt. flat wire 75c, 8 qt. flat wire, 98c.

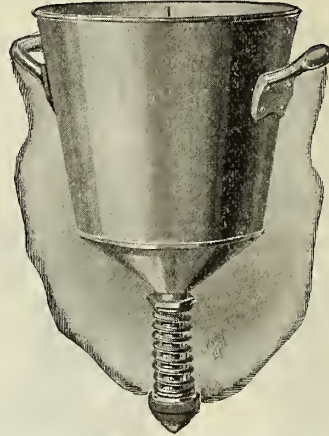
GALVANIZED FLAT WIRE HEAVY**Dairy Men's Cleaner and Cleanser for Milk Bottles**

It is also a perfect sanitary cleanser for use in the home or on the farm, for washing dishes, glass, refrigerators, pots and pans, milking utensils, floors, baths, toilets, etc. 5 lb. 20c.

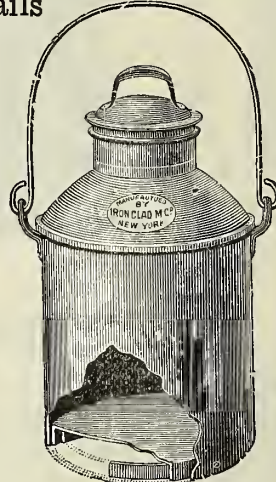
Milk Pans

Tin 10c. to 15c., Enameled Ware 15c. to 35c. Milk Bottle Brushes, 10 to 50c. Milk Can Brushes 5c to 25c.

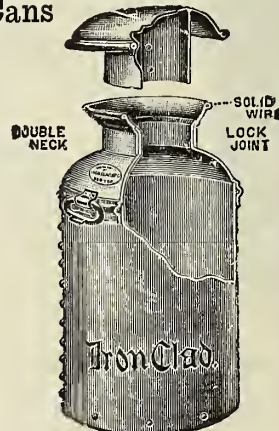
MILK STRAINERS, 25c and up.

Milk Bottle Filler.

Works Easily and Quickly.
Guaranteed. \$6.50.

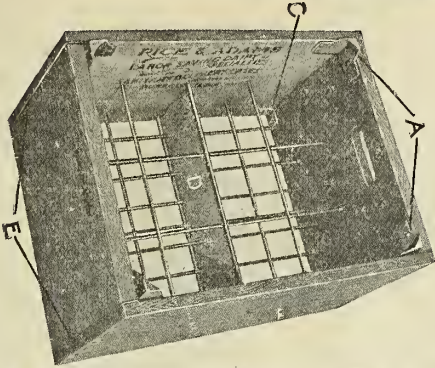
Milk Pails

One quart to twenty quarts, 10c to \$1.75.

Milk Cans

Iron clad Milk Cans, best Can manufactured. 20 quarts, \$2.25; 30 quarts, \$2.60; 40 quarts, \$3.00.

DAIRY AND MILKMEN SUPPLIES Continued



R. & A. Unbound Sanitary Delivery Cases.

Patented Nov. 7, 1905

The weight of unbound cases is about three pounds less than bound cases, and for this reason they are preferred by many dealers. This style is made with or without bottom corner irons. Pressed galvanized steel stacking corner irons are always included.

- A-Heavy stacking corner iron.
- C-Bottom corner iron.
- D-Galvanized steel support.

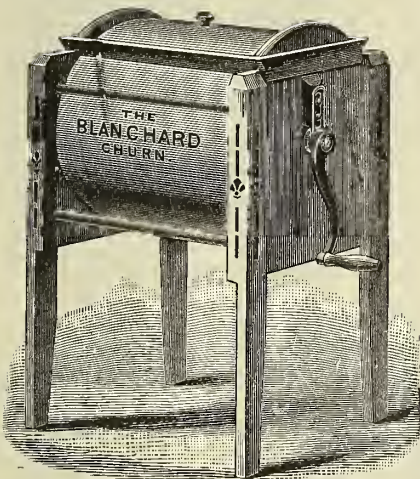
The bottles are always held in correct position to be filled and capped, as the galvanized steel support "D" keeps the long wires from sagging.

- 1 qt. size (12 bottles).....\$.90
- 1 pt. size (16 bottles)..... 1.00

Dairy Pail

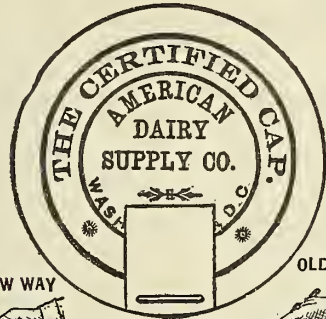
With Strainer, 25c to \$1.25; Without Strainer 25c to 45c.

The Blanchard Churn



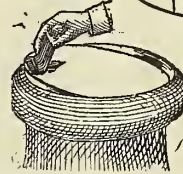
Price List Family Sizes

No.	Will Hold	Price
3	4 gals	\$4.50
4	8 gals	5.25
5	16 gals	5.98
6	24 gals	7.50
7	32 gals	9.00



NEW WAY

OLD WAY



MILK CAPS.

New Seamless Pull Cap, 35c. 1M. \$1.50 5M.

Heavy Waxed, Printed 25c. 1M. \$1.00 5M.

Heavy Waxed, with Lip, Printed, 25c. 1M., \$1.00 5M.

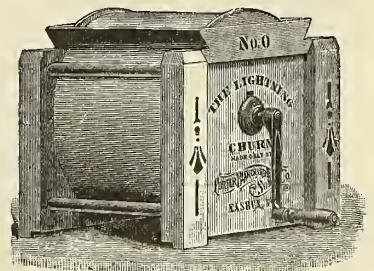
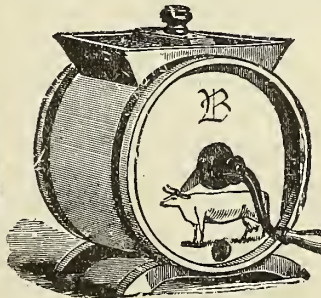
New Lip Cap.. Lip will not pull off, 35c. 1M., \$1.50 5M.

Thin Caps for Tin Top Bottles, 5 lbs. 50c.

Name and Address printed free on lots.
50 M.

The Cylinder Churn

The Lightning Churn



No. 0	\$1.90
No. 1	2.00
No. 3	2.65
No. 3	3.00
No. 4	3.75

No.	Will Hold	Price
0	4 gals	\$2.25
1	6 gals	2.75
2	8 gals	3.25
3	10 gals	3.75

INDEX

	Page		Page		Page
Artichoke	5	Gates	48	Poultry Punch.....	51
Asparagus	5	Grit and Shell Box.....	50	Plows	66, 67, 69
Asparagus Bunches.....	68	Gape Worm Extractor.....	51	Plants, Strawberry.....	36
Barrows	8, 82	Grass Hook.....	77	Pruning Shears.....	77
Bushes	36	Grindstone	80	" Saws	77
Currant	36	Grass Seeds.....	33, 34	Poultry Killing Knife.....	51
Blackberry	36	Garden Syringe.....	77	Potato Hooks.....	74
Raspberry	36	Herbs	30, 31	" Digger	67
Gooseberry	36	Hygrometer Incubator.....	51	Poultry Litter	57
Barley	35	Hoppers	63, 64	Poultry Remedies	61, 62
Beans	6, 7	Sexton	58	Pratts Regulator.....	61
Beets	7, 8	Boston	58	Disinfectant and Lice	
Borage	8	Hand Mills.....	60	Killer	61
Broccoli	8	Harrows	81, 85	Pratts Roup Remedy.....	61
Brussels Sprouts.....	9	Hoes	68, 69, 71, 74	Lice Killer.....	61
Brooders	64, 65	Weeding	74	Sore Head Remedy	
Bone Cutters.....	60	Onion	74	Scaley Leg Reme-	
Bird Seed.....	36	Field	74	dy	61
Bulbs	45, 46	Disc	68	Oculum	61
Bird Gravel.....	36	Wheel	69	Whittings Roupene.....	61
Buckwheat	35	House	71	Conkey's Roupene.....	61
Cabbage	9	Incubators	64, 65	Whittings Diarrhoea Rem-	
Carrots	10	Insecticides	82, 83	edy	61
Cauliflower	10	Lemon Oil.....	82	Rose nicotene.....	62
Celery	11	White Hellebore.....	82	Smith's Lice Powder.....	62
Celeriac	11	Whale Oil Soap.....	82	Rust's Lice Powder.....	62
Chervil	11	Scalecide	83	Smith's Roup Remedy.....	62
Chicory	12	Arsenate of Lead.....	83	Smith's Head Lice Oint-	
Chest	12	Bug Death.....	83	ment	62
Corn Salad.....	12	Powdered Sulphur.....	83	Poultry Food.....	49, 50
Corn	12, 13	Slug Shot.....	83	Chick Starter.....	49
Cucumbers	14	Paris Green.....	83	Chick Feed.....	49
Caponizing Sets.....	51	Land Plaster.....	83	Developing Food.....	49
Cuttle Fish.....	36	Tobacco Soap.....	83	Poultry Mash.....	49
Chick Server.....	53	Bordeaux Mixture.....	83	Scratch Food.....	49
Chick Marker.....	51	Rose Nicotine.....	83	Beef Scrap.....	49
Corn Planters.....	76	Kale	16, 17	Laying Food.....	49
Cider Mills.....	78	Kohlrabe	16	Spratt's Poultry Remedy	
Clovers	33	Leek	17	Pigeon Feed.....	50
Cultivators	70, 71	Lettuce	17, 18	Charcoal	50
Churns	86	Lactometer	86	Ground Bone.....	50
Dandelion	15	Lee Bands.....	55	Cut Alfalfa Clover.....	50
Dairy Pails.....	88	Lawn Mowers.....	75, 76	Cut Red Clover.....	50
Dahlia Poles.....	47	Rollers	82	Crushed Oyster Shells.....	50
Dog Cakes.....	62	" Trimmer	76	Crystal Grit.....	50
Dibbles	77	" Grass	31	Foust's Health Grit.....	50
Endive	15	" Dressing	31	Rye	35
Egg Plant.....	15	Lamps, Incubator.....	51	Rhubarb	25
Egg Tester.....	53, 55	Lanterns	72	Radish	26
Folding	53	Melon Musk	19	Roots	36
Metallic	55	" Water	19, 20	Asparagus	36
Egg Carriers	54	Mushrooms	20	Horse Radish	36
" Crates	54	Mustard	88	Rhubarb	36
" Cases	54	Milk Skimmers	88	Rosebushes	45
" Boxes	55, 63	" Can Strainers.....	88	Roofing	60
Fly and Germ Killer.....	56	" Caps	88	Roofing Paper	60
Feeders	50, 52, 58	" Bottle Cleanser.....	88	Rakes	77
Poultry	50	" Carriers	87	Rat Corn.....	62
Ideal Automatic.....	58	" Boxes	87	Spinach	26, 27
Norwich Automatic.....	59	" Pans	88	Salsify	27
Dry Mash.....	52	" Cans	87	Squash	27, 28
Feed Cups	57	" Pails	87	Sweet Chard.....	28
Fence	48, 79	" Bottles	87	Seed Drills.....	70
Flower Bed Guard.....	47, 48	" Measure	86	Seeds, Miscellaneous.....	35
" Stands	47	" Can Measuring Rods		Sprayers	56, 84, 85, 86
" Pots	47	87		Powder	84
Forks	73, 74	Mail Boxes	80	Liquid	84
Manure	73, 74	Markers	68	Continuous	84
Spading	73	Darnell	68	Compressed Air.....	84
Hay	73	Eddy	68	Auto Spray.....	85
Fountains	52, 53, 54	Meadow and Pasture Mix-		Whitewash	56, 86
Keystone	52	ture	33	Sprinklers	47
Top-filled	52	Nasturtium	20, 21	Settees	72
Norwich Automatic.....	54	Nests	55	Scythes	77
Cone Top.....	53	Chicken	55	Sifter Insecticide.....	83
Sanitary	53	Pigeon	56	Tobacco	28
Brooder	53	Nest Eggs	59	Tomato	28, 29
Wall	53	Netting	59	Turnip	29, 30
Sexton	53	Poultry	59	Tree Guards.....	85
Earthenware	53	Wire	59	Trellises	47
Flower Seeds.....	38, 44	Onion	21	Garden	47
Fertilizers	37, 38	" Sets	21	Veranda	47
Swift Sure Phosphate.....	37	Okra	22	Tree Tubs	47
Swift Sure Super phos-		Oat Sprouters	52	Thermometer	51, 86
phate	37	Oats	35	Incubator	51
Muzzy Bros. Special.....	37	Parsnips	22	Dairy	86
Ground Bone.....	37	Parsley	22	Vines, Grape.....	36
Sheep Manure.....	37	Peas	22, 23, 24	Wheat	35
Nitrate of Soda.....	37	Pepper	24	Weeders	80
Muriate of Potash.....	37	Potatoes	24, 25	Watering Pots.....	72
Acid Phosphate.....	38	Pumpkin	25	Zenoleum	62
Kainit	38				

Foreign Names of Vegetables and Herbs

ENGLISH	GERMAN	FRENCH	ITALIAN	HOLLAND
Anise	Anis, Grvener	Anis	Anaso, Anacio	Anijs
Artichoke	Artischocke	Artichaut	Articiocca	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Aspersie
Balm	Citronen Melisse	Melisse citronelle	Mellissa	Citroen Melisse
Basil	Basilikum	Basilic grand	Basilico .....	.....
Beans	Bohnen	Haricots	Fagioli	Boonen
Beet	Ruebe	Betterave	Barbabetola	Bieten
Borage	Boretsch	Bourrache	Boragine .....	.....
Broccoli	Spargelkohl	Chou Brocoli	Cavol brocolo .....	.....
Brussels Sprouts	Roseukohl	Chou de Bruxelles	Cavolo agermaglia	Spruitkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Slutkool
Cabbage Savoy	Wirsing	Chou de Milan	Cavolo di Milano	Savooikool
Caraway	Feld Kuemmel	Chum des press	Carvi	Karvij
Carrot	Carroten, Moehren	Carotte	Carato	Wortelen
Cauliflower	Blummenkohl	Chou-fleur	Covolo-flore	Bloemkool
Celery	Sellerie	Clerie	Sedano	Selderij
Celeriac	Knoll-Sellerie	Celere-rave	Se ana rapa	Knise erji
Chervil	Kerbet	Cerfeuil	Cerfoglio	Kervil
Chicory	Chiceorien wurzel	Chicoree sauvage	Cicoria Wselvatica .....	.....
Coriander	Coriander	Coriandre	Coriandorio	Korlander
Corn Salad	Feldsalat	Mache	Valeriana	Velesia
Corn	Mais	Mais .....	.....	.....
Cress	Garen Kresse	Cressen alenois	Agretto	Tunkers
Cress, Water	Brunnen Kresse	Cressoudefontaine	Nasturzio	Waterkers
Cucumber	Gurken	Concombre	Cotriolo	Komkomer
Dandelion	Loewenzohne	Pissenlit	Dente di leone .....	.....
Dill	Dille	Aneth	Aheto .....	.....
Egg Plant	Eier Fdano	Aubergine	Pentonciano	Andijive
Endive	Endiven	Cicoree-Endive	Indivia	Nedkel
Fennel	Fenchel	Fenouli	Finnocchio	Knoflook
Garlick	Knoblauch	All	Agho	Peperwortel
Horse Radish	Meer Rettig	Panifort sauvage	Rafano	Hijsoop
Eyssop	Isop	Hyssope	Issopo	Boerkool
Kale	Blaetterkohl	Chou-vert	Cavolo verde	Koolrabi
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa .....	.....
Lavender	Lavendel	Lavende	Lavada .....	.....
Leek	Porre Lauch	Poireau	Porro	Prei
Lettuce	Lattich Kopfsalat	Laitue	Lattuga	Kropsla
Marjoram	Marjoram	Marjolaine	Maggiorana	Marjolijn
Melon	Melone	Melon	Popone	Meleon
Melon, Water	Wasser-Melone	Melon d'eau	Cocomera .....	.....
Mushroom	Schwamm	Champignon	Fungo pratajoie	Kampernoelle
Nasturtium	Kupuciner Kresse	Capucine	Nasturzio	Capucine-kers
Okra	Ocher	Gombeud	Ibisco .....	.....
Onion	Zwiebel	Ognon	Cipollo	Ci Uien
Parsley	Zatersille	Persil	Prezemolo	Peterselit
Parsnip	Pastinake	Panals	Pastinaca .....	.....
Peas	Erbsen	Pois	Pisello	Pinksternadel
Pepper	Pfeffer	Piment	Peperone	Erwten
Pumpkin	Melonen-Kuerbiss	Potiron	Zucca	Spaansch Peper
Radish	Radies	Rdis	Ravanello	Radijs
Rhubarb	Rhubarber	Rhubarbe	Rabarbaro	Rabarber
Rosemary	Rosmarin	Romarin	Rosmorino	Rosemarijn
Rue	Raute	Rue .....	.....	Wijnault
Saffron	Safran	Safran	Rafferano .....	.....
Sage	Saldel	Sauge	Salva	Salie
Salsify	Haferwurzel	Salrifis	Barbarli becca .....	.....
Sorrel	Sauerampfer	Oscille	Aetosia	Zuring
Summer Savory	Bohenkraut	Sarriette annulle	Santoreggia	Boonenkruid
Spinach	Spinat	Epinarde	Spinnaccio	Spinazie
Squash	Kuerbijs	Courgel	Zucca	Pompeon
Tansy	Gemeiner-rainfarn	Tanaisle	Atansia .....	.....
Thyme	Thymian	Thym	Timo	Tijm
Tomato	Liebessapfel	Pomme d'Amour	Pomo d'oro	Tomaat
Turnip	Weisse-Reube	Nevet	Navone	Rapen
Wormwood	Wermuth	Absinthe	Assenzio	Suikerij

PLANTING CALENDAR

FEBRUARY—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

MARCH—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Aomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes. Onion Sets, English Bean.

APRIL—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

MAY—Plant in Open Ground. Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

JUNE—Plant in Open Ground. Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta, Baga, Melon, Herbs.

JULY—Plant in Open Ground. Beans, Beets, Cauliflower, Celery, Carrot, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

AUGUST—Plant in Open Ground. Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

SEPTEMBER—Plant in Open Ground. Cabbage, Cauliflower and Lettuce for wintering in cold frames. Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

